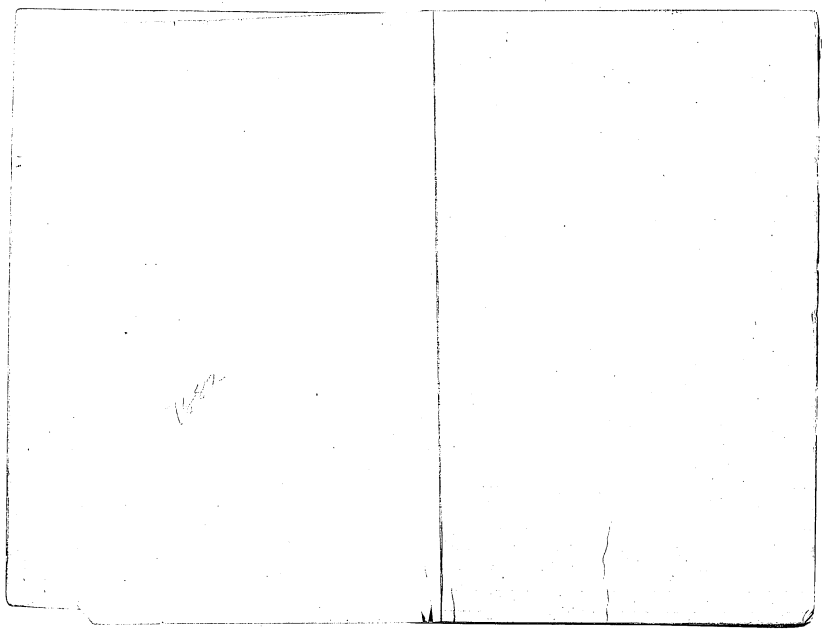
Notebook, N-05-01-31



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | 135 | 123 | 167 | 107 | 93 | 67 |
| [illegible] | [illegible] | [illegible] | 122 | 120 | 156 | 95 | 93 | 67 |
| [illegible] | [illegible] | [illegible] | [illegible] | 130 | 167 | — | — | — |
| [illegible] | [illegible] | [illegible] | 133 | 123 | 167 | 97 | 95 | 67 |
| [illegible] | [illegible] | [illegible] | 150 | 148 | 183 | 142 | 112 | 87 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7886 | 67 | 67 | 61 | 78 | 67 | 67 | 35 | 67 |
| 85 | 67 | 67 | 55 | 67 | 67 | 67 | 41 | 67 |
| 84 | — | — | | | | | | |
| 83 | 67 | 75 | 65 | 67 | 67 | 67 | 45 | 67 |
| 82 | 87 | 78 | 75 | 88 | 100 | 100 | 38 | 67 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7886 | 46 | 97 | 67 | 67 | 50 | 97 | 50 |
| 85 | 53 | 98 | 68 | 69 | 51 | 97 | 50 |
| 84 | | | | | | | |
| 83 | 53 | 97 | 67 | 68 | 53 | 97 | 50 |
| 82 | 60 | 98 | 68 | 67 | 67 | 97 | 81 |

C.O.

7882 = 5 gram nickel hydroxide
3 grms 21% Containing 10 milligrammes
of Aluminium, Smooth press 100 Corrug 150
Digest hour dia 100

7883

7884

7885

7886

| | | | | |
|---|---|---|---|---|
| 7[illegible] | 113 | 98 | 110 | 98 |
| 84 | 77 | 153 | 170 | 152 |
| 86 | 93 | 117 | 133 | 155 |
| 88 | 77 | 130 | 152 | 160 |
| 92 | 87 | 96 | 109 | 102 |

7887 5 ml green nickel hydroxide 3 grams 2½ Containing 10 milligrammes of Iodide of Potassium—Iodine [illegible] Chg 15 h 200 dis 100

7888 [illegible]

7889 [illegible]

7890 [illegible]

7891 [illegible]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| [illegible] | 125 | 347 | 203 | 213 | 234 | 224 | 200 | 150 |
| 99 | 155 | 283 | 265 | 222 | 243 | 192 | 200 | 193 |
| 98 | 118 | 157 | 183 | 147 | 158 | 183 | 142 | 132 |
| 97 | 162 | 232 | 246 | 213 | 229 | 208 | 200 | 183 |
| 96 | 145 | 263 | 242 | 247 | 270 | 207 | 255 | 217 |

| | | | | |
|---|---|---|---|---|
| 7896 | 183 | 185 | 190 | |
| 95 | 193 | 200 | 200 | |
| 94 | 133 | 145 | 150 | C.O. |
| 93 | 183 | 193 | 188 | |
| 92 | 220 | 228 | 233 | |

7892 - Group 5 green nickel & [illegible] 3 grms to 62 changed list 125 fabr 33⅓ 5 hours 200 rate, taken out ~~[illegible]~~ ~~hours cold~~ allowed cool 5 hours - then charged again 5 hours same rate Taken out + cooled 5 hours put back charged again 5 hours same rate Then KOH changed to 9102 21% + then distilled water rate & thereafter Chg 15 h 202 dens 100 in 21%

7893 92 [illegible] 165-164

7894 93 125 111

7895 95 [illegible]

7896 97 166-167

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7[illegible] | 195 | 293 | 118 | 297 | 333 | 277 | 273 |
| [illegible] | 156 | 256 | 258 | 256 | 297 | 267 | 267 |
| [illegible] | 168 | 262 | 268 | 269 | 287 | 265 | 263 |
| 98 | 178 | 272 | 232 | 279 | 309 | 268 | 283 |
| 97 | 132 | 253 | 237 | 238 | 253 | 257 | 237 |

| | | | | |
|---|---|---|---|---|
| 7901 | 283 | 277 | 265 | 267 |
| 00 | 245 | 259 | 245 | 250 |
| 7899 | 267 | 263 | 243 | 250 |
| 98 | 295 | 278 | 258 | 269 |
| 97 | 211 | 237 | 233 | 215 |

C.O.

7897 = Group 5 green nickel hyperoxide Charged in 21% Containing 100 milligrms Ferrocyanide Potassium Charge against a nickel strip - then Soak in KOH 21% Secondary Charge assemble with Reg unions + rest in fresh 21%
Chg 15 hr 200 ohms 100

| | | |
|---|---|---|
| 7896 | 96 | [illegible] |
| | 95 | [illegible] |
| 7899 | 96 | [illegible] |
| 7900 | 96 | [illegible] |
| 7901 | [illegible] | [illegible] |

7902 5 Reg Ni to be soaked by Edison in 21% Containing 250 milgms Cyanide of Potassium. Soaked for ½ hour then put in fresh KOH / permut KOH Connected then assembled & rig tests 21% KOH, no Cyanide —
Chg 15 h 200 dis 100 —

| | | |
|---|---|---|
| 7903 | 90<br>911 | 102-102<br>101-101.5 |
| 7904 | 90 | 102-101 |
| 7905 | 92 | 102-101 |
| 7906 | 92 | [illegible] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7911 | 83 | 123 | 167 | 178 | 170 | 175 | 177 |
| 10 | 112 | 167 | 177 | 217 | 210 | 197 | 207 |
| 09 | 103 | 150 | S.C. | 185 | 200 | 193 | 200 |
| 08 | 117 | 175 | 174 | 215 | 210 | 205 | 210 |
| 07 | 120 | 167 | 177 | 200 | 200 | 193 | 200 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7911 | 175 | 177 | 182 | 183 | 183 | 185 | 187 |
| 10 | 207 | 203 | 205 | 210 | 208 | 195 | 184 |
| 09 | 192 | 200 | 200 | 205 | 205 | 193 | 195 |
| 08 | 205 | 208 | 210 | 212 | 212 | 200 | 192 |
| 07 | 187 | 200 | 195 | 198 | 197 | 187 | 178 |

| | |
|---|---|
| 7911 | 167 |
| 10 | 193 |
| 09 | 193 |
| 08 | 195 |
| 07 | 183 |

C.O.

7907 = 5 Ni- Rolled 842
32 from Cake No 2 as To 62
-Nickel [illegible] made by Electrolysis
rolled with with water — 1" 2 21 (1)
Chg 15 h 200 Ch 100.

7906 .85 93-97
97-94

7909 .80 [illegible]

7910 .80 [illegible]

*1911 .85 94-92

[illegible] Smith

Rolled [illegible]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7916 | S.C. | 33 | 275 | 277 | 267 | 265 | 248 |
| 15 | 234 | 263 | 274 | 277 | 265 | 265 | 248 |
| 14 | 247 | 263 | 267 | 267 | 260 | 265 | 245 |
| 13 | 247 | 270 | 267 | 267 | 265 | 265 | 237 |
| 12 | 233 | 263 | 257 | 267 | 260 | 265 | 253 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7916 | 242 | 248 | 243 | 233 | 233 | 233 | 227 |
| 15 | 243 | 248 | 243 | 242 | 237 | 236 | 227 |
| 14 | 237 | 239 | 233 | 233 | 232 | 232 | 220 |
| 13 | 247 | 243 | 233 | 243 | 240 | 240 | 230 |
| 12 | 240 | 237 | 233 | 232 | 235 | 232 | 223 |

| | | |
|---|---|---|
| 7916 | 213 | 220 |
| 15 | 218 | 224 |
| 14 | 212 | 215 |
| 13 | 213 | 223 |
| 12 | 212 | 220 |

C.O.

7912 = Duplicate of 7907
but rolled dirty

| | | |
|---|---|---|
| 7913 | 91<br>90 | 100 — 98<br>98 — 110 |
| 7914 | 87 | 98 — 100 |
| 7915 | 90 | 102 — 99 |
| 7916 | 90 | 102 — 99 |

Rolled 2 min

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7921 | 82 | 113 | 175 | 192 | 188 | 183 | 187 |
| 20 | 67 | 120 | 175 | 192 | 188 | 180 | 187 |
| 19 | 85 | 120 | 175 | 167 | 167 | 167 | 167 |
| 18 | 83 | 125 | 175 | 177 | 172 | 174 | 113 |
| 17 | S.C. | 0 | 100 | 178 | 182 | 178 | 187 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7921 | 182 | 192 | 193 | 188 | 195 | 198 | 183 |
| 20 | 177 | 190 | 177 | 187 | 192 | 192 | 178 |
| 19 | 162 | 187 | 185 | 167 | 172 | 175 | 162 |
| 18 | 170 | 190 | 188 | 177 | 177 | 178 | 167 |
| 17 | 172 | 190 | 243 | 180 | 182 | 183 | 173 |

| | | |
|---|---|---|
| 7921 | 175 | 182 |
| 20 | 175 | 175 |
| 19 | 167 | 163 |
| 18 | 167 | 163 |
| 17 | 167 | 175 |

C.O.

7917 Dup of 7907. but moistened with ammonia To roll

| | | |
|---|---|---|
| 7918 | 78<br>S | 90—90<br>89—96 |
| 7919 | 81 | 92—90 |
| 7920 | 80 | 91—92 |
| 7921 | 79 | 90—91 |

7922 = Disp of 7907
but Edison to work Nickel Iron
on with Commercial of 1910

7923

7924

7925

7926

| | | | |
|---|---|---|---|
| 7927 | S.L. 3955 | C. 67 | E. 85-86 |
| 7928 | S.L. 3956 | C. 68 | E. 84-85 |
| 7929 | S.L. 3954 | C. 72 | E. 85-86 |
| 7930 | S.L. 3955 | C. 73 | E. 85-86 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7935 | 492 | 573 | 587 | 549 | 555 | 577 | 533 | 562 |
| 34 | 472 | 577 | 587 | 505 | s.c. | — | — | 470 |
| 33 | 480 | 577 | 561 | 522 | 514 | 518 | 453 | 467 |
| 32 | 492 | 573 | [illegible] | 550 | 552 | 565 | 500 | 533 |
| 31 | 578 | 582 | 582 | 643 | 665 | 694 | 632 | 672 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7935 | 532 | 572 | 563 | 573 | 567 | 593 | 550 | 539 |
| 34 | s.c. | 490 | 500 | 527 | 553 | 593 | 577 | 585 |
| 33 | 447 | 469 | 467 | 484 | 500 | 498 | 530 | 464 |
| 32 | 510 | 533 | 533 | 558 | 558 | 558 | 567 | 541 |
| 31 | 641 | 667 | 661 | 683 | 693 | 713 | 720 | 704 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7935 | 513 | 500 | 488 | 512 | 518 | 533 | 509 | |
| 34 | 563 | 557 | 577 | 587 | 602 | 643 | 597 | Socket adjust |
| 33 | 433 | 433 | 433 | 433 | 425 | 436 | 414 | |
| 32 | 508 | 492 | 500 | 508 | 505 | 518 | 490 | |
| 31 | 678 | 649 | 698 | 690 | 680 | 715 | 661 | |

End.

| Caliper after 1st Run. | |
|---|---|
| 7935 | 123 - 120 |
| 34 | 127 - 123 |
| 33 | 128 - 122 |
| 32 | 126 - 125 |
| 31 | 123 - 122 |

7935 / Group 5 Rea Mfg. Co.
3.2 grams cane 33% Caper Alum
Calliper 4% Hexamethylene Then. Tetramine
.005 Reg. Set
Obs. 15h 20 at 100

| | | |
|---|---|---|
| | 90 | 10.5-10.4 |
| 7932 | 89 | 10.2-10.3 |
| | 91 | 10.1-10.4 |
| | 91 | 10.1-10.2 |
| | 90 | 10.3-10.1 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7940 | 109 | 133 | 100 | 113 | 112 | 112 | 105 | 104 |
| 39 | 100 | 133 | 105 | 100 | 103 | 107 | 100 | 100 |
| 38 | 109 | 133 | 105 | 109 | 112 | 112 | 108 | 100 |
| 37 | 105 | 133 | 105 | 109 | 109 | 110 | 110 | 100 |
| 36 | 105 | 112 | 103 | 110 | 112 | 113 | 110 | 100 |

| | |
|---|---|
| 7940 | 112 |
| 39 | 103 |
| 38 | 109 |
| 37 | 105 |
| 36 | 112 |

C.O.

7936 5 nickels Green
Hydrate 3 grms in 3 pockets
to one grid Reg Press
Chy drum in 33%
Chy 15 hrs @ 200 Run @ 100

| | | |
|---|---|---|
| 7937 | 95 | 106 – 104 |
| | 93 | 105 – 105 |
| | 92 | 104 – 105 |
| 7938 | 95 | 106 – 104 |
| | 93 | 105 – 105 |
| | 92 | 104 – 105 |
| 7939 | 93 | 106 – 106 |
| | 92 | 104 – 103 |
| | 91 | 104 – 104 |
| 7940 | 93 | 107 – 105 |
| | 93 | 105 – 106 |
| | 92 | 106 – 105 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 248 | 272 | 274 | 253 | 258 | 238 |
| | 267 | 283 | 267 | 258 | 258 | 265 |
| | 232 | 257 | 161 | 200 | S.C. | 200 |
| | 209 | 287 | 259 | 253 | 258 | 265 |
| | 163 | 199 | 200 | 263 | 259 | 265 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7941 | 237 | 240 | 252 | 257 | 258 | 260 | 250 |
| 44 | 240 | 253 | 267 | 267 | 257 | 263 | 255 |
| 43 | 200 | 233 | 233 | 233 | 233 | 238 | 238 |
| 42 | 242 | 242 | 264 | 267 | 250 | 253 | 250 |
| 41 | 233 | 255 | 192 | 200 | 203 | 205 | 217 |

Qd in 33 % KOH.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7945 | 237 | 222 | 233 | 302 | 267 | 255 | 217 |
| 44 | 245 | 232 | 240 | 313 | 277 | 267 | 233 |
| 43 | 277 | 213 | 223 | 288 | 265 | 267 | 240 |
| 42 | 238 | 230 | 233 | 307 | 277 | 267 | 233 |
| 41 | 217 | 212 | 213 | 280 | 235 | 255 | 217 |

| | | |
|---|---|---|
| 7945 | 216 | 223 |
| 44 | 225 | 227 |
| 43 | 267 | 257 |
| 42 | 251 | 245 |
| 41 | 213 | 200 |

C.O.

7941 5 nickels Green Hydrite
3 spins in 3 spreads 3 min in grid Reg press
dry & run in 2 1/2 hr.

| | Chg. 15 hrs @ 100 | Run @ 100 |
|---|---|---|
| | 93 | 125 — 126 |
| | 93 | 125 — 126 |
| | 92 | 123 — 124 |
| 7942 | 102 | 132 — 134 |
| | 103 | 133 — 135 |
| | 104 | 135 — 135 |
| 7943 | 96 | 97 — 97 |
| | 103 | 132 — 132 |
| | 101 | 131 — 132 |
| 7944 | 91 | 104 — 103 |
| | 92 | 102 — 105 |
| | 91 | 135 — 135 |
| 7945 | 93 | 105 — 106 |
| | 94 | 105 — 106 |
| | 93 | 106 — 106 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | 226 | 257 | 250 | 258 | 217 | 233 | |
| [illegible] | [illegible] | 103 | 124 | 117 | 122 | 117 | 115 | |
| 7941 | 238 | 233 | 232 | 257 | 267 | 245 | 253 | 238 |
| 46 | 100 | 105 | 105 | 105 | 130 | 130 | 110 | 115 |
| 7947 | 277 | 217 | 226 | C.O. | | | | |
| 46 | 108 | 100 | 115 | | | | | |

7946. O w with 1 wi 3 grams grain [illegible] [illegible] 4 hours sec. neg. pressure put up with wire mesh and sawdust 33 [illegible] 8 slips were made here 4½ [illegible] steele [illegible]

| | | |
|---|---|---|
| [illegible] | 97 | 102–107 |
| [illegible] | 97 | 102–107 |
| [illegible] | 95 | 107–115 |

7947 [illegible] 7946

| | | |
|---|---|---|
| 6 calif. [illegible] | 93 | 107–112 |
| [illegible] | 92 | 105–110 |
| [illegible] | 91 | 102–102 |

[illegible] | [illegible] | [illegible]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7952 | 500 | 490 | 497 | 483 | 497 | 492 | 500 | 499 |
| 51 | 120 | 465 | 467 | 483 | 413 | 438 | 483 | 492 |
| 50 | 435 | 465 | 498 | 483 | 487 | 488 | 493 | 493 |
| 49 | 500 | 483 | 493 | 483 | 492 | 488 | 495 | 490 |
| 48 | 500 | 483 | 490 | 483 | 487 | 487 | 493 | 487 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7952 | 492 | 498 | 482 | 495 | 513 | 498 | |
| 51 | 498 | 482 | 467 | 475 | 496 | 482 | |
| 50 | 487 | 493 | 498 | 497 | 508 | 498 | |
| 49 | 487 | 493 | 488 | 488 | 507 | 498 | |
| 48 | 490 | 487 | 482 | 483 | 495 | 487 | |

# 7948.

Grant of 5-Reg 3.2 gm. lit.
made up with water reg. Mongol
Fe[illegible] ch. 2 min reg. run
2% KOH containing .250 gm. wash coll.
Mellitic acid prepared by Glen from
Honey stone.
after reg number came first on
small enlargement.

| | | | |
|---|---|---|---|
| 7949 | 90 | 102 — 101 | |
| | 92 | 104 — 104 | |
| 7950 | 92 | 103 — 104 | |
| 7951 | 89 | 101 — 103 | |
| 7952 | 92 | 102 — 103 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7955 | S.C. | 387 | 505 | 512 | 500 | 510 | 516 |
| 56 | 500 | 517 | 518 | 520 | 508 | 517 | 516 |
| 55 | 500 | 522 | 423 | 522 | 515 | 522 | 522 |
| 54 | 496 | 510 | 510 | 508 | 500 | 507 | 510 |
| 53 | 510 | 522 | 520 | 522 | 503 | 514 | 511 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7957 | 506 | 508 | 518 | 508 | 507 | 500 | |
| 56 | 512 | 510 | 518 | 505 | 493 | 492 | |
| 55 | 516 | 517 | 525 | 512 | 513 | 509 | C.O. |
| 54 | 515 | 505 | 518 | 499 | 498 | 499 | |
| 53 | 513 | 509 | 521 | 509 | 507 | 510 | |

7955 — 3.2 grams.
5" Vol New Mill plate
die — Smooth die
Corrugated
Clay 1½ 20 ×

| | | | |
|---|---|---|---|
| 7954 | 96 | 105 — 106 | 21 ½ |
| 7956 | 97 | 105 — 105 | |
| 7958 | 94 | 105 — 105 | |
| 7959 | 95 | 105 — 105 | |

Note used regular procedure
[illegible]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7962 | 508 | 520 | 524 | 521 | 504 | 515 | 517 |
| 61 | S.C. | 157 | 175 | 267 | 427 | 500 | 504 |
| 60 | 500 | 517 | 520 | 518 | 509 | 517 | 510 |
| 59 | 504 | 517 | 520 | 527 | 512 | 519 | 521 |
| 58 | 433 | 417 | 430 | 433 | 428 | 436 | 423 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7962 | 511 | 513 | 522 | 513 | 511 | 512 | |
| 61 | 500 | 507 | 518 | 500 | 500 | 500 | |
| 60 | 500 | 497 | 510 | 504 | 500 | 499 | C.O. |
| 59 | 513 | 515 | 525 | 516 | 513 | 509 | |
| 58 | 435 | 429 | 433 | 427 | 430 | 422 | |

7958 Dup - 7953 Coinage 125 alum

| | | |
|---|---|---|
| 7959 | 95 | 103 - 117 |
| 7960 | 95 | 106 - 125 |
| 7961 | 95 | 102 - 121 |
| 7962 | 96 | 104 - 107 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| -7967 | 487 | 497 | 489 | 500 | 473 | 483 | 473 | |
| 66 | 300 | 279 | 267 | 267 | 244 | 245 | 243 | * |
| 65 | 504 | 520 | 518 | 515 | 506 | 512 | 518 | |
| 64 | 508 | 520 | 522 | 518 | 510 | 517 | 517 | |
| 63 | 508 | 519 | 527 | 519 | 510 | 518 | 517 | |

* 7966 runs low because a great deal of silk may have come out of the 7965 pod. It is true you can see the two cups together in the middle. I see it is not as full as the outside cups but one of the edges of the central cup is not turned down good. -W.E.H.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| -1967 | 495 | 485 | 495 | 474 | 479 | 476 | | |
| 66 | — | — | — | | | | | |
| 65 | 502 | 503 | 520 | 504 | 504 | 504 | | C.D. |
| 64 | 511 | 513 | 521 | 508 | 508 | 511 | | |
| 63 | 513 | 516 | 524 | 510 | 511 | 512 | | |

7963. Dup of 7963
Except Cowpeats 150
Wilt —

| | | |
|---|---|---|
| 1964 | 96 | 100 — 105 |
| | 95 | 102 — 107 |
| 1965 | 97 | 107 — 112 |
| 1966 | 95 | 103 — 109 |
| 1967 | 96 | 104 — 105 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7972 | 514 | 517 | 530 | 529 | 522 | 527 | 525 |
| 71 | 507 | 514 | 517 | 517 | 511 | 513 | 513 |
| 70 | 511 | 530 | 537 | 537 | 527 | 533 | 533 |
| 69 | 504 | 516 | 512 | 512 | 505 | 510 | 512 |
| 68 | 509 | 524 | 517 | 519 | 512 | 519 | 521 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 7972 | 517 | 520 | 529 | 518 | 521 | 518 |
| 71 | 509 | 516 | 523 | 508 | 509 | 505 |
| 70 | 529 | 532 | 541 | 529 | 530 | 530 |
| 69 | 508 | 511 | 523 | 507 | 504 | 503 |
| 68 | 517 | 519 | 528 | 513 | 516 | 509 |

C.O.

7968 Dup of 7953 — Except Conrupt. 200 almost —

| | | |
|---|---|---|
| 7969 | 94 | 105 — 108 |
| | 95 | 105 — 107 |
| 7970 | 94 | 104 — 104 |
| 7971 | 94 | 101 — 109 |
| 7972 | 94 | 103 — 101 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7977 | 517 | 533 | 530 | 530 | 525 | 529 | 530 |
| 76 | 512 | 529 | 528 | 528 | 521 | 528 | 529 |
| 75 | 507 | 523 | 524 | 520 | 514 | 525 | 522 |
| 74 | 509 | 515 | 524 | 517 | 512 | 520 | 521 |
| 73 | 517 | 537 | 542 | 547 | 536 | 543 | 542 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7977 | 525 | 527 | 537 | 532 | 513 | 530 | |
| 76 | 524 | 525 | 537 | 519 | 518 | 522 | |
| 75 | 516 | 517 | 527 | 509 | 510 | 512 | C.O. |
| 74 | 515 | 517 | 527 | 514 | 512 | 515 | |
| 73 | 525 | 538 | 547 | 537 | 537 | 537 | |

7973 Dup of 7973
Except Commingle
250 actuals

| | | |
|---|---|---|
| 7974 | 95<br>93 | 109 — 107<br>110 — 100 |
| 7975 | 92 | 104 — 103 |
| 7976 | 92 | 110 — 105 |
| 7977 | 93 | 106 — 103 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7982 | 143 | 165 | 133 | 153 | 157 | 163 | 147 |
| 81 | 133 | 165 | 143 | 151 | 150 | 167 | 140 |
| 80 | 117 | 162 | 147 | 165 | 145 | S.C. | S.C. |
| 79 | 133 | 165 | 147 | 154 | 153 | 162 | 143 |
| 78 | 120 | 165 | 130 | 132 | 136 | 163 | 120 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7982 | 142 | 148 | 143 | 145 | 142 | 144 | 138 |
| 81 | 137 | 142 | 137 | 138 | 139 | 140 | 132 |
| 80 | 132 | 125 | S.C. | 145 | 137 | 112 | 115 |
| 79 | 147 | 147 | 143 | 147 | 143 | 149 | 140 |
| 78 | 138 | 128 | 133 | 128 | 125 | 132 | 122 |

C.O.

300 17%

330 20

7978 ← 20 mesh green backed
1.75 grammes SP 10 on at
Corrugate with need Multiple
die 150 abilene.
Chg 15 h 200 dw 10 h. 21%

| | | |
|---|---|---|
| 7979 | 61 | 80–84 |
| | 70 | 85–90 |
| 7980 | 68 | 90–86 |
| 7981 | 71 | 90–85 |
| 7982 | 68 | 80–89 |

need these products

[illegible]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7987 | 137 | 137 | 135 | 140 | 143 | 163 | 133 |
| 86 | 138 | 142 | 132 | 133 | 140 | 163 | 130 |
| 85 | 142 | 147 | 136 | 142 | 141 | 161 | 133 |
| 84 | 145 | 147 | 137 | 143 | 148 | 163 | 141 |
| 83 | 150 | 160 | 138 | 155 | 160 | 167 | 165 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7987 | 145 | 146 | 139 | 145 | 137 | 142 | 133 |
| 86 | 132 | 138 | 133 | 136 | 130 | 133 | 126 |
| 85 | 132 | 137 | 140 | 137 | 133 | 138 | 130 |
| 84 | 133 | 144 | 132 | 141 | 139 | 141 | 133 |
| 83 | 143 | 155 | 147 | 150 | 147 | 149 | 148 |

C.O.

7983 Dump 5P 7987
100 cu
Except corrugated 200
others.

| | | |
|---|---|---|
| | 66 | 86-83 |
| 7984 | 67 | 90-85 |
| 7985 | 66 | 91-82 |
| 7986 | 63 | 84-82 |
| 7987 | 62 | 84-78 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7997 | 272 | 267 | 277 | 277 | 299 | 260 | 267 |
| 91 | 267 | 263 | 267 | 263 | 293 | 250 | 262 |
| 90 | 275 | 272 | 277 | 277 | 317 | 261 | 272 |
| 89 | 270 | 262 | 268 | 263 | 255 | 258 | 265 |
| 88 | 267 | 265 | 277 | 277 | 293 | 263 | 278 |

Rdm 37 090

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7997 | 277 | 267 | 262 | 262 | 271 | 265 | 252 |
| 91 | 265 | S.C. | – | 241 | S.C. | 237 | 232 |
| 90 | 278 | 277 | 261 | 261 | 271 | 267 | 253 |
| 89 | 266 | 260 | 256 | 255 | 263 | 258 | 248 |
| 88 | 279 | 270 | 266 | 264 | 272 | 270 | 262 |

| | | | | |
|---|---|---|---|---|
| 7992 | 247 | 246 | 262 | 267 |
| 91 | 208 | 193 | 198 | 223 |
| 90 | 256 | 250 | 265 | 282 |
| 89 | 233 | 232 | 247 | 267 |
| 88 | 261 | 262 | 295 | 278 |

C.O.

7988 Dup of 7978 ...
used ... 2.5. ...

| | | |
|---|---|---|
| | 58 | 79 – 84 |
| 7989 | 60 | 81 – 84 |
| 7990 | 58 | 82 – 76 |
| 7991 | 59 | 85 – 78 |
| 7992 | 63 | 81 – 81 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7997 | 263 | 259 | 267 | 267 | 286 | 255 | 278 | |
| 96 | 263 | 255 | 267 | 260 | 278 | 257 | 262 | |
| 95 | 277 | 272 | 278 | 282 | 275 | 267 | 283 | |
| 94 | 272 | 270 | 277 | 282 | 277 | 265 | 278 | |
| 93 | 269 | 263 | 267 | 267 | 283 | 255 | 265 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7997 | 265 | 253 | 267 | 259 | 259 | 259 | 257 | |
| 96 | 265 | S.C. | 253 | 255 | 249 | S.C. | 242 | |
| 95 | 268 | 275 | S.C. | 282 | 268 | 273 | 245 | |
| 94 | 267 | 273 | 284 | 274 | 253 | 273 | 273 | |
| 93 | 273 | 258 | 267 | 262 | 257 | 262 | 258 | |

Trends.

7993 Dup of 7983 except used neg. Nil Alert 1.759 of mix

| | | |
|---|---|---|
| | 59 | 52 — 52 |
| 7994 | 62 | 82 — 62 |
| 7995 | 61 | 90 — 87 |
| 7996 | 58 | 80 — 74 |
| 7997 | 57 | 76 — 56 |

7998 = S.L. 3856 C 75 E 90-75

7999 = S.L. 3857 C 75 E 90-75

8000 = S.L. 3858 C 69 E 88-90

8001 = S.L. 3859 C 70 E 86-90

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8005 | 272 | 272 | 247 | 260 | Removed 2nd Tio rebuke | 224 | 237 |
| 04 | 218 | 227 | 232 | 250 | | 229 | 241 |
| 03 | 219 | 225 | 244 | 265 | | 239 | 252 |
| 02 | 222 | 230 | 245 | 263 | | 250 | 264 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8005 | 252 | 250 | 248 | 250 | 237 | 237 | |
| 04 | 256 | 247 | 245 | 243 | 237 | 225 | C.O. |
| 03 | 271 | 257 | 257 | 257 | 257 | 230 | |
| 02 | 285 | 263 | 273 | 267 | 260 | 245 | |

8002 — 5" in Roll 4 dry [illegible]
3.65 [illegible]

| | | |
|---|---|---|
| | 92 | 103-112 |
| 8003 | 98 | 106-115 |
| [illegible] | [illegible] | [illegible] |
| [illegible] | 92 | 102-107 |

8006 [illegible]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8010 | 267 | 192 | 230 | 232 | 255 | 200 | 227 |
| 09 | 305 | 267 | 300 | 292 | 300 | 265 | 278 |
| 08 | 267 | 267 | 267 | 263 | 283 | 245 | 258 |
| 07 | 267 | 267 | 226 | 268 | 297 | 257 | 263 |

8010 217 S.C. Poles clipped

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 09 | 282 | 312 | 307 | 294 | 285 | 273 | C.O. |
| 08 | 267 | 277 | 267 | 262 | 257 | 246 | |
| 07 | 267 | 272 | 267 | 262 | 257 | 243 | |

8007 dub. of [illegible]

[illegible] 4.26 = (2.56 [illegible])

| | | |
|---|---|---|
| | 96 | 109 — 110 |
| 8008 | 111 | 113 — 110 |
| 8009 | 95 | 106 — 105 |
| 8010 | 95 | 103 — 113 |
| 8011 | Not enough data | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8013 | 153 | 163 | 195 | 208 | 233 | 182 | 200 | 213 |
| 12 | 150 | 147 | 207 | 210 | 233 | 187 | 203 | 217 |

| | | | | | |
|---|---|---|---|---|---|
| | | 220 | 212 | 200 | C.O. |
| | | 221 | 217 | 201 | |

8012 Dup of 8012 [illegible]
[illegible] 5 5 5.
[illegible] 5712 = 2 [illegible]

| | | |
|---|---|---|
| | 109 | 116 — 116 |
| 8013 | 110 | 125 — 115 |

8014 [illegible]

8015 [illegible]

8016

[illegible] the [illegible] with 175 at [illegible] and [illegible] the [illegible] [illegible] the [illegible] [illegible] [illegible] about 175 [illegible] the [illegible]

8017 SL.3860 C 69 E 89-90

8018 SL.3861 C 70 E 89-57

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8021 | 495 | 527 | 539 | 516 | 519 | 504 | 505 |
| 22 | 493 | 526 | 517 | 525 | 520 | 504 | 513 |
| 21 | 501 | 529 | 507 | 525 | 528 | 510 | 521 |
| 20 | 502 | 527 | 504 | 526 | 519 | 504 | 517 |
| 19 | 497 | 517 | 500 | 515 | 505 | 505 | 505 |

| | | | | |
|---|---|---|---|---|
| 8023 | 497 | 496 | 491 | |
| 22 | 504 | 505 | 501 | |
| 21 | 517 | 512 | 502 | C.O. |
| 20 | 505 | 507 | 503 | |
| 19 | 497 | 497 | 494 | |

8019.

5-hr mix in 21% KOH
containing 24 mM Eq Hydroxide
acid titr. [illegible]
titr. KOH [illegible]

| | | |
|---|---|---|
| | 89 | 102-101 |
| 8022 | 93 | 102-97 |
| 8021 | 93 | 101-101 |
| 8022 | 91 | 101-104 |
| 8023. | 93. | 95-106 |

8024 5 grams Hydrous oxide —
7 of Ni + 3 of Clarke Copper
made same as Clarke Nickel made
Rolled dry — 3.12 Cake
Chg 15 h 20 amps 10 v 21 g
3.5 grams oxide

8025

8026

8027

8028

8029 = 5 grain Nickel
7 Ni + 3 flake Nickel
plated out of ~~Equimolal~~
~~Nickel~~ or Double Cyanide
of Nickel ~~and~~ Potassium
or other Salt. See GW a (21)

Rolled dry - 3.2 Cake if thickness

Chg 15h 200da 100

8030

8031

8032

8033

8.034 =

Does the flake Nickel break up in rolling that arrange to Cut it in sizes + screen it = say To 1/16 or 1/32 Why in Hell don't Fred Ott write a note + tell me how it works in mixing

$8635 = 5 Reg 7 1/2

Made with the New Multiple die
Cost of die 7

8035 5 grams Ni 3:2 Cake 2%
7 M + 3 flake Bismuth
These can be made as 9 Lots
at once —
Dry Ice —
Chg 15 h 200 ohms 100

8036

8037

8038

8039 =

8040 = 5 M green — 21%
3:2 Cake
7 M + 3 of flake Cobalt,
Dry mix —
Chg 15 h 200 Lumens

8041

8042

8043

8044 —

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8041 | 365 | 390 | 342 | 357 | 367 | 397 | 378 |
| 48 | 455 | 499 | 483 | 496 | 506 | 496 | 494 |
| 47 | 440 | 458 | 473 | 433 | 467 | 525 | 514 |
| 46 | 477 | 467 | 473 | 413 | 467 | 520 | 516 |
| 45 | 427 | 480 | 467 | 484 | 495 | 497 | 506 |

| | | | |
|---|---|---|---|
| 8042 | 366 | 363 | 353 |
| 48 | 497 | 490 | 490 |
| 47 | 508 | 507 | 507 |
| 46 | 510 | 508 | 508 |
| 45 | 500 | 497 | 500 |

End.

8045

5 mls. Hun in Leg 21 [illegible] containing 250 mcg. hydrocortellin to each cell, + 100 mcg [illegible] $(NH_4)_2$ Cl in line at 500 r.p.m. @ 100.

| | | |
|---|---|---|
| | 91 | 101–102 |
| 8046 | 95 | 102–103 |
| 8047 | 92 | 104–104 |
| 8048 | 93 | 101–106 |
| 8049 | 92 | 103–101 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8054 | 462 | 447 | 33 | 323 | 300 | [illegible] | 192 | 172 |
| 53 | 417 | 417 | 333 | 285 | 247 | [illegible] | 133 | 122 |
| 52 | 412 | 416 | 348 | 293 | 265 | [illegible] | 158 | 133 |
| 51 | 456 | 427 | 357 | 310 | 287 | [illegible] | 153 | 160 |
| 50 | 437 | 437 | 383 | 357 | 358 | [illegible] | 257 | 242 |

| | | |
|---|---|---|
| 8054 | 178 | 149 |
| 53 | 150 | 97 |
| 52 | 103 | 95 |
| 51 | 110 | 107 |
| 50 | 200 | 195 |

C.O.

8050

5-leté s. Rum. [illegible]
[illegible] 250 [illegible]
[illegible] 200 [illegible]
[illegible]
[illegible]
[illegible]

| | | |
|---|---|---|
| | 93 | [illegible] |
| 8051 | 92 | 103-102 |
| 8052 | 91 | 101-101 |
| 8053 | 91 | 102-103 |
| 8054 | 92 | 104-104 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8059 | 497 | 508 | 493 | 500 | 500 | 492 | 497 | 498 |
| 58 | 493 | 514 | 492 | 507 | 505 | [illegible] | 502 | 493 |
| 57 | 498 | 525 | 510 | 517 | 517 | [illegible] | 512 | 505 |
| 56 | 495 | 519 | 497 | 507 | 506 | [illegible] | 492 | 490 |
| 55 | 477 | 497 | 484 | 487 | 487 | 475 | 479 | 474 |

Note: Solution is coloured a deep mauve - purple when [illegible] - dissolved in [illegible] colour and [illegible] on charcoal. - T.D.E.93.

| | | | | |
|---|---|---|---|---|
| 8059 | 479 | 487 | 479 | |
| 58 | 492 | 492 | 492 | |
| 57 | 493 | 497 | 498 | |
| 56 | 476 | 482 | 485 | |
| 55 | 472 | 467 | 472 | |

End.

8055

5 Mi.S. Rem in Rg 21 KKCM containing 5 cu Mg. Hard to dissolve a little in Chemical [illegible] KOH of [illegible] CaCl2 - [illegible]

| | | |
|---|---|---|
| | 93 | 102-104 |
| 5056 | 94 | 104-106 |
| 5051 | 91 | 102-102 |
| 5056 | 89 | 100 - 98 |
| 8059 | 91 | 102-104 |

*

8060 FE.

SL #0830 a [illegible] c [illegible]

8061

SL #0835 a [illegible] c [illegible]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8064 | 329 | 317 | 322 | 314 | 325 | 315 | 307 | 298 |
| 63 | 297 | 290 | 298 | 295 | 285 | 279 | 267 | 260 |
| 62 | 283 | 283 | 267 | 278 | 275 | 272 | 280 | 280 |

| | |
|---|---|
| 8064 | 295 |
| 63 | 254 |
| 62 | 258 |

C.O.

8062 li.

Grouf of 5 lis made with 7 Chilli½ to 3 of Fine li.

The Flake li is some whole rice prefered by Tait & Co & Comit de Londres

The surface resembles milk Kay Shell

The li is very bright & shining

Mix key of made cake 3.6½ gms = Rupee li

At 15 lbs to one rupee = 100

| | C | | |
|---|---|---|---|
| | Cond. | 92 | 103 – 104 |
| 8063 | | 92 | 101 – 102 |

8064 Cond. 91 Colge 100 – 101

8065

8066

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8071 | S.C. | 267 | 276 | [illegible] | 256 | 250 | 237 |
| 70 | 367 | 333 | 352 | [illegible] | 325 | 317 | 305 |
| 69 | 367 | 347 | 365 | [illegible] | 345 | 335 | 290 |
| 68 | S.C | 267 | 280 | [illegible] | 275 | 267 | 258 |
| 67 | 368 | 357 | 367 | [illegible] | 350 | 339 | 295 |

| | | |
|---|---|---|
| 8071 | 232 | |
| 70 | 297 | C.D. |
| 69 | 317 | |
| 68 | 241 | 251 |
| 67 | 316 | 317 |

8067 Ini.

Group of 5 Ini's modest [illegible]
dry min 7 of Ini 1/2 to 3" Finish Ini.
The Finish Ini was finished by
F.C. 2½ min 5 coats brown
coal oil [illegible] mixture).
The finish was cleaned by [illegible] by
Concentrated H.Cl + [illegible]
3.65 grm each [illegible]
cleaned [illegible]
Center [illegible]

8068 [illegible]

8069 [illegible]

8070 [illegible]

8071 [illegible]

| | | | | | | |
|---|---|---|---|---|---|---|
| 8073 | 352 | 345 | 337 | 317 | | C.O. |
| 72 | 338 | 325 | 303 | 285 | | |

8072,
Group of soldiers [illegible] day inscribed 9 4 3 with photographic mark by FO Zanna [illegible] weight [illegible] was claimed by [illegible]
[illegible] day weight wire of Zanuck
[illegible] Pelvis 21-5
[illegible]

8073 91 100–102

8074

8075

8076

8072 9 4 102–105

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8081 | 558 | 557 | 545 | 552 | 557 | 565 | 542 |
| 80 | 458 | 433 | 433 | 410 | 425 | 417 | 400 |
| 79 | 557 | 557 | 542 | 527 | 553 | 543 | 517 |
| 78 | 553 | 557 | 550 | 530 | 532 | 543 | 522 |
| 77 | 517 | 470 | 472 | 467 | 462 | 462 | 445 |

| | | |
|---|---|---|
| 8081 | 562 | 558 |
| 80 | 403 | 400 |
| 79 | 547 | 523 |
| 78 | 517 | 526 |
| 77 | 498 | 460 |

C.O.

8077 5 Reg Ni 21%
Containing [illegible] Cell
25 Milligrams Red Precipitate
of Patina —
Chg 15 h 20 ohms

| | | |
|---|---|---|
| | 93 | 98–115 |
| 807[illegible] | 92 | 102–106 |
| 8074 | 92 | 103–102 |
| 8080 | 90 | 102–99 |
| 8071 | 94 | 103–105 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8086 | 562 | 553 | 558 | 550 | 555 | 557 | 553 |
| 85 | 581 | 583 | 560 | 547 | 565 | 570 | 550 |
| 84 | 559 | 557 | 556 | 550 | 550 | 557 | 533 |
| 83 | 562 | 557 | 551 | 550 | 543 | 548 | 527 |
| 82 | 560 | 467 | 570 | 467 | 575 | 467 | 433 |

| | | | |
|---|---|---|---|
| 8086 | 557 | 543 | |
| 85 | 527 | 553 | |
| 84 | 557 | 543 | C.O. |
| 83 | 545 | 542 | |
| 82 | 475 | 483 | |

8082 = 5 Reg Hi 21 c/c
Continuing w Shock Cath
50 Milligrammes Red.
Principal of Patient -
Chg 15 (x 200 dm) = 3000

| | | |
|---|---|---|
| 8083 | 93<br>92 | 99-103<br>102-105 |
| 8084 | 91 | 97-95 |
| 8085 | 92 | 102-104 |
| 8086 | 92 | 98-105 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8091 | 637 | 582 | 433 | 433 | 517 | 500 | 397 |
| 90 | 641 | 617 | 467 | 388 | 533 | 500 | 422 |
| 89 | 640 | 612 | 433 | 475 | 583 | 500 | 422 |
| 88 | 633 | 617 | 467 | 400 | 533 | 533 | 490 |
| 87 | 648 | 618 | 467 | 442 | 542 | 522 | 490 |

| | | |
|---|---|---|
| 8091 | 433 | 510 |
| 90 | 433 | 497 |
| 89 | 433 | 510 |
| 88 | 500 | 532 |
| 87 | 483 | 552 |

C.O.

8087 5 Reg Mickels 21 o/o
Contain 250 Milegrammes
of Red Hematite of Potash
and Soda ccco —
Dly 15 h 200 d — 100

| | | |
|---|---|---|
| 8088 | 92 | 102-103 |
| 8089 | 93 | 105-106 |
| 8090 | 92 | 105-100 |
| 8091 | 92 | 102-99 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8096 | 565 | 383 | 517 | 467 | 556 | 462 | 462 |
| 95 | 605 | 367 | 433 | 433 | 532 | 433 | 433 |
| 94 | 589 | 428 | 467 | 410 | 522 | 417 | 417 |
| 93 | 607 | 367 | 498 | 455 | 547 | 500 | 433 |
| 92 | 575 | 365 | 520 | 400 | 527 | 428 | 400 |

| | | |
|---|---|---|
| 8096 | 500 | 543 |
| 95 | 462 | 528 |
| 94 | 433 | 495 |
| 93 | 463 | 540 |
| 92 | 400 | 595 |

C.O.

8092 = 5 Reg. 7Li 2.1% Containing one gramme of Red Precipitate of Potassium in Each Cell, . Oct 15th 2000 dr. (10)

| | | |
|---|---|---|
| 8093 | 93 | 102-104 |
| | 92 | 101-103 |
| 8094 | 92 | 102-103 |
| 8095 | 92 | 103-103 |
| 8096 | 93 | 102-102 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8101 | 563 | 393 | 582 | 527 | 567 | 500 | 467 |
| 00 | 473 | 192 | 567 | 493 | 497 | 488 | 372 |
| 8099 | 542 | 427 | 582 | 510 | 533 | 498 | 433 |
| 98 | 477 | 267 | 567 | 500 | 542 | 488 | 428 |
| 97 | 542 | 300 | 467 | 467 | 542 | 488 | 428 |

| | | |
|---|---|---|
| 8101 | 483 | 540 |
| 00 | 483 | 532 |
| 8099 | 458 | 533 |
| 98 | 452 | 528 |
| 97 | 452 | 528 |

C.O.

8097. 5 Reg 14 21 hr
Containing 100 milgms Red Prussiate
Potash Hook cake —
Smooth grass 100 alternate
Clover 150 alternate
Chg 15 h 200 lbs corn

| | | |
|---|---|---|
| 8098 | 95 | 101-100 |
| | 97 | 101-101 |
| 8099 | 99 | 104-104 |
| 8100 | 99 | 103-102 |
| 8107 | 94 | 97--97 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8106 | 590 | 525 | 596 | 492 | 584 | 594 | 580 | 487 |
| 05 | 608 | 547 | 585 | 492 | 593 | 592 | 590 | 505 |
| 04 | 642 | 533 | 597 | 492 | 595 | 544 | 600 | 572 |
| 03 | 616 | 467 | 557 | 472 | 523 | 567 | 592 | 552 |
| 02 | 605 | 525 | 578 | 433 | 577 | 553 | 586 | 573 |

C.O.

8102 Dup of 8817
Except Sinbad Dress 10.0 almon
Corrugate 20.0 almon

8103 [illegible]

8104 [illegible]

8105 [illegible]

8106 98 [illegible]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8111 | 598 | 578 | 533 | 467 | 560 | 560 | 572 | 575 |
| 10 | 532 | 533 | 500 | 567 | 547 | 554 | 562 | 574 |
| 09 | 610 | 595 | 558 | 597 | 594 | 595 | 598 | 600 |
| 08 | 575 | 553 | 647 | 500 | 591 | 592 | 589 | 590 |
| 07 | 532 | 500 | 603 | 533 | 593 | 592 | 590 | 557 |

| | |
|---|---|
| 8111 | 580 |
| 10 | 573 |
| 09 | 602 |
| 08 | 594 |
| 07 | 571 |

C.O.

8107 Dup of 8097
Except Smooth phase 100
Contrig. 250 alums

8108 [illegible]

8109 [illegible]

8110 [illegible]

8111 [illegible]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8116 | 630 | Soaked soil Germinated | 514 | 513 | 511 | 507 | |
| 15 | 624 | | 516 | 513 | 515 | 511 | |
| 14 | 598 | | 504 | 497 | 497 | 492 | C.O. |
| 13 | 592 | | 492 | 471 | 472 | 467 | |
| 12 | 625 | | 514 | 513 | 515 | 511 | |

8112 = 5 Reg Ni 21 % [illegible]
100 milligrams Red Prussiate Co. Potash 4 inch each call
after the first run Change
When Paladin, hot & smoke few
hours & Change again Want
to Determine Co call the Prussiate
then run in Reg 21 % —

| | | |
|---|---|---|
| 8113 | 92<br>94 | 101–102<br>104–107 |
| 8114 | 89 | 99–98 |
| 8115 | 91 | 102–104 |
| 8116 | 93 | 105–103 |

| | | | | | |
|---|---|---|---|---|---|
| 8121 | 33 | 15 | 12 | 10 | 10 |
| 20 | 17 | 25 | 12 | 10 | 10 |
| 19 | 17 | 3 | 12 | 7 | 10 |
| 18 | 17 | 15 | 0 | 0 | 0 |
| 17 | 7 | 0 | 0 | 0 | 0 |

C.O.

8117 5 grams [illegible]

2.5 of grams mixed with [illegible]

3 grams reduced [illegible]

100 gms 276 grams [illegible]

Corrugate [illegible]

Charring and also [illegible]

| | | |
|---|---|---|
| 8118 | 91<br>94 | 99–101<br>101–104 |
| 8119 | 93 | 99–103 |
| 8120 | 93 | [illegible] |
| 8121 | 92 | 100–98 |

[illegible] grams mixed with $H_2O$

[illegible]

To the mixed [illegible] grams

[illegible] 3.5 [illegible]

| | | | | | |
|---|---|---|---|---|---|
| 8126 | 147 | 208 | 103 | 26 | |
| 25 | 58 | 92 | 100 | 0 | |
| 24 | 156 | 258 | 228 | 51 | C.O. |
| 23 | 147 | 252 | 167 | 0 | |
| 22 | 153 | 152 | 23 | 0 | |

Note, - Silver plate finish off - W.E.H.

8122 = 5 ni - 21/0 -
3 grms Grain Nickel -
Red Cups which are plated
with Silver

Chip shape slant

8123

8124

8125

8126

| | | | | |
|---|---|---|---|---|
| 8131 | 42 | 53 | 75 | 67 |
| 30 | 42 | S.C. | 54 | 71 |
| 29 | 52 | 6 | 54 | 81 |
| 28 | 49 | 50 | 0 | 90 |
| 27 | 42 | 50 | 75 | 67 |

C.O.

Note. - Most all the Cu plated over on this 32s on 1st dip. Only a thin black coating left on this pcs. I think it an indigo precipitate on the surface of the cells. W.E.P.

8127 = Dup of 8122
Except over plated with Copper

| | | |
|---|---|---|
| 8128 | 4.5 | - 102 |
| | 4 | - 103 |
| 8129 | 4 | - 106 |
| 8130 | 6 | .08 - 106 |
| 8131 | 6 | .07 - 102 |

8132 Group of 8122
Bismuth —

8133

8134

8135

8136

| | | | | | |
|---|---|---|---|---|---|
| 8141 | 7 | 2 | 3 | 0 | 0 |
| 40 | 7 | 5 | 3 | 38 | 40 |
| 39 | 23 | 3 | 3 | 25 | 39 |
| 38 | 20 | 33 | 40 | 29 | 38 |
| 37 | 12 | 15 | 33 | 25 | 29 |

C.O.

Note, - Most of the Cd plotted over on the Zns on first charge. - W. E. H.

8137 Dup of 8122.
Except Corpa plotted
Cotch Cadmium —

8138 96 [illegible]
97 [illegible]

8139 [illegible] [illegible] — 110

8140 [illegible] [illegible] — 105

8141 [illegible] 110 — 108

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8146 | 233 | 311 | 293 | 291 | 278 | 265 | 280 |
| 45 | 250 | 308 | 276 | 280 | 267 | 247 | 258 |
| 44 | 227 | 297 | 272 | 281 | 263 | 251 | 255 |
| 43 | 263 | 330 | 308 | 302 | 297 | 280 | 287 |
| 42 | 273 | 326 | 309 | 300 | 288 | 265 | 283 |

| | | |
|---|---|---|
| 8146 | 273 | 303 |
| 45 | 265 | 296 |
| 44 | 271 | 306 |
| 43 | 292 | 312 |
| 42 | 181 | 294 |

C.O.

8142 3 grass through (21%
20 on 38 — 100 or more
smooth rest 150 common
Clyde Rose

| | | |
|---|---|---|
| | 98 | 103–114 |
| 8143 | 98 | 105–101 |
| 8144 | 96 | 98–105 |
| 8145 | 97 | 104–101 |
| 8146 | 97 | 104–101 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8151 | S.C. | 200 | 258 | 258 | 257 | 233 | S.C. |
| 50 | 208 | 277 | S.C. | S.C. | 283 | 250 | 250 |
| 49 | 32 | 48 | 50 | 33 | 28 | 23 | 21 |
| 48 | 195 | 277 | 267 | 280 | 261 | 254 | 278 |
| 47 | 245 | 308 | 288 | 292 | 273 | 265 | 282 |

| | |
|---|---|
| 8151 | 262 |
| 50 | 255 |
| 49 | 21 |
| 48 | 262 |
| 47 | 268 |

C.O.

8147 Group of 8142 Except Triangle 30 ow 50 L

| | | |
|---|---|---|
| 8148 | 92 | 100-99 |
| | 96 | 100-104 |
| 8149 | 98 | 102-103 |
| 8150 | 98 | 104-100 |
| 8151 | 96 | 102-107 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8156 | 260 | 315 | 288 | 292 | 285 | 272 | 280 | |
| 55 | 236 | 275 | 258 | 250 | 247 | 233 | 247 | |
| 54 | 252 | 312 | 292 | 284 | 281 | 262 | 273 | |
| 53 | 249 | 321 | 308 | 304 | 296 | 279 | 265 | |
| 52 | 267 | 317 | 318 | 308 | 300 | 277 | 292 | |
| | | | | | 292 | | | |

| | | |
|---|---|---|
| 8156 | 290 | |
| 55 | 250 | |
| 54 | 289 | C.O. |
| 53 | 297 | |
| 52 | 287 | |

11409

8152 Dup of 8142

Except Hung 50

on 80 —

| | | |
|---|---|---|
| | 95 | 103–103 |
| 8153 | 97 | 102–104 |
| 8154 | 99 | 105–102 |
| 8155 | 99 | 101–105 |
| 8156 | 97 | 103–99 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8161 | 240 | 310 | 302 | 300 | 285 | 257 | 297 | 288 |
| 60 | 200 | 286 | 294 | 296 | 274 | 269 | 291 | 292 |
| 59 | 142 | 177 | 157 | 133 | 95 | 77 | 65 | 62 |
| 58 | 200 | 278 | 287 | 278 | 252 | 242 | 255 | 255 |
| 57 | 237 | 300 | 298 | 294 | 297 | 267 | 233 | 293 |

| | |
|---|---|
| 8161 | 290 |
| 60 | 283 |
| 59 | 50 |
| 58 | 257 |
| 57 | 277 |

C.O.

S157 Dupe of S152
except 11 mgs to make

8155 94 102-104
99 [illegible]

8159 92 [illegible]

8160 [illegible]

8161 75 [illegible] 104

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8166 | 165 | 248 | 232 | 248 | 223 | 213 | 217 | 227 |
| 65 | 32 | 32 | 13 | 13 | 17 | 9 | 1 | 17 |
| 64 | 225 | 332 | 298 | 305 | 305 | 287 | 300 | 303 |
| 63 | 222 | 307 | 277 | 287 | 280 | 263 | 277 | 277 |
| 62 | 187 | 283 | 277 | 288 | 288 | 263 | 287 | 282 |

Note, - *8165 seems a little off in the middle, but Electrical Quality good. -W.E.N.

| | |
|---|---|
| 8166 | 230 |
| 65 | 1 |
| 64 | 307 |
| 63 | 281 |
| 62 | 288 |

C.O.

8162 Keyway [illegible]

Except Items 98 to 100

on 180 [illegible]

| | | |
|---|---|---|
| 8163 | 93<br>95 | 98 – 102<br>106 – 101 |
| 8164 | 95 | 106 – 103 |
| 8165 | 95 | 105 – 104 |
| 8166 | 97 | 107 – 106 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8171 | 180 | 266 | 285 | 280 | 265 | 278 | 277 | 280 |
| 70 | 158 | 232 | 248 | 247 | 237 | 220 | 233 | 250 |
| 69 | 210 | 289 | 293 | 298 | 277 | 264 | 307 | 297 |
| 68 | 190 | 257 | 260 | 263 | 236 | 227 | 265 | 253 |
| 67 | 227 | 298 | 296 | 293 | 263 | 258 | 265 | 275 |
| | 164 | 266 | 277 | 270 | 276 | | | |

| | |
|---|---|
| 8171 | 270 |
| 70 | 233 |
| 69 | 279 |
| 68 | 245 |
| 67 | 272 |

C.O.

19820 / 164

1342 / 266

13644 / 277

12351 / 270

13540 / 276

8167 = Dup of 8142

all thumbs 130 or

| | | |
|---|---|---|
| 8165 | 97 | 104 |
| | 96 | 106 |
| 8169 | 95 | 104 |
| 8170 | 96 | 102 |
| 8171 | 92 | 102 |

8172 = S.L. 3862 C 65 E 85-82

S173 = S.L. 3[illegible] C [illegible] E 85-84

C E

C E

S174 = S.L. 3868 C 72 E 85-87

8175 = S.L. 3867 C 69 E 85-87

S176 = S.L. 3868 C 65 85-88

8177 = S.L. 3864 C 67 89-89

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8182 | 262 | 293 | 287 | 275 | 292 | 273 | 255 |
| 81 | 262 | 290 | 287 | 275 | 278 | 270 | 253 |
| 80 | 262 | 285 | 287 | 272 | 275 | 268 | 252 |
| 79 | 167 | 290 | 287 | 277 | 277 | 273 | 258 |
| 78 | 262 | 287 | 290 | 278 | 280 | 267 | 252 |

| | | |
|---|---|---|
| 8182 | 245 | 245 |
| 81 | 245 | 247 |
| 80 | 245 | 245 |
| 79 | 242 | 251 |
| 78 | 242 | 245 |

C.O.

8178

Group of 5 Nickel of dry Air
made 7+3 with Lard oil added
Mechanical Stirred [illegible] Oxygen
of [illegible]
3.65 [illegible]

| | C | E |
|---|---|---|
| 8179 | 90 | 104 — 104 |
| | 88 | 103 — 102 |
| 8180 | 88 | 104 — 103 |
| 8181 | 89 | 99 — 98 |
| 8182 | 88 | 99 — 103 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8187 | 500 | 522 | 522 | 518 | 520 | 523 | 522 |
| 86 | 508 | 516 | 522 | 520 | 525 | 528 | 528 |
| 85 | 508 | 515 | 523 | 522 | 530 | 531 | 535 |
| 84 | 506 | 517 | 515 | 515 | 520 | 516 | 517 |
| 83 | 504 | 518 | 518 | 518 | 521 | 527 | 529 |
| | 505 | 517 | 524 | | | | |

End.

8183 · 5" Michels Rig — 21%.
Mende middle green Municipal Ditch
100 Sinnath press. 100 Corrugate
Chg 15 k 2 min flow 1 cfs

| | | |
|---|---|---|
| 8184 | 99 | 106 – 107 |
| | 99 | 107 – 105 |
| 8185 | 97 | 103 – 105 |
| 8186 | 97 | 104 – 105 |
| 8187 | 97 | 103 – 103 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8192 | 525 | 539 | 535 | 543 | 544 | 554 | 545 |
| 91 | 508 | 523 | 516 | 527 | 528 | 537 | 531 |
| 90 | 513 | 527 | 526 | 533 | 535 | 541 | 529 |
| 89 | 515 | 523 | 524 | 533 | 538 | 546 | 541 |
| 88 | 515 | 527 | 525 | 532 | 533 | 538 | 541 |
| | 514 | 527 | 525 | | | | |

End.

1/2636 525
1/2634 527
1/2638 525

8188 - Drop of 8183

Except 100 Summit Ave.
150 Commonwealth

| | | |
|---|---|---|
| 8189 | 98 | 108-105 |
| | 95 | 104-103 |
| 8190 | 98 | 107-104 |
| 8191 | 98 | 107-107 |
| 8192 | 99 | 106-107 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8197 | 515 | 517 | 533 | 535 | 531 | 534 | 535 |
| 96 | 517 | 530 | 536 | 536 | 535 | 538 | 537 |
| 95 | 524 | 538 | 538 | 542 | 535 | 541 | 538 |
| 94 | 519 | 533 | 527 | 533 | 537 | 534 | 526 |
| 93 | 527 | 541 | 538 | 547 | 544 | 551 | 542 |
| | 520 | 532 | 535 | | | | |

End.

5/2659
533

5/2602
520

5/2667
533

8193 Dup of 8185
Except 100 Quadrat Points
200 Connigan

8194 99 111-109
95 105-107

8195 95 101-103

8196 94 103-101

8197 96 107-109

88-35 A3 3870 S.L. = 8198

88-35 A3 3871 S.L. = 8199

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8204 | 267 | 266 | 251 | 260 | 251 | 261 | 258 |
| 03 | 275 | 269 | 260 | 262 | 258 | 263 | 266 |
| 02 | 275 | 271 | 265 | 267 | 262 | 271 | 270 |
| 01 | 272 | 268 | 260 | 262 | 258 | 265 | 265 |
| 00 | 273 | 269 | 258 | 258 | 258 | 263 | 262 |

← Cut in 33 0/0 KOH.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8204 | 255 | 256 | 251 | 227 | 230 | 243 | 260 | 257 |
| 03 | 263 | 263 | 251 | 237 | 243 | 255 | 273 | 282 |
| 02 | 270 | 274 | 255 | 247 | 245 | 253 | 270 | 304 |
| 01 | 265 | 262 | 251 | 329 | 247 | 253 | 275 | 285 |
| 00 | 265 | 262 | 252 | 247 | 245 | 253 | 265 | 277 |

End.

8200 = 5 Ni. # 424 Reg. Ni Mix
1.75 gram cases with Neus 1-4
Pockets mix against Mn Fe's 3.2
gram cases, mixing now 1 part to
the Nickels wire S.P. 100.
Neus 1-4 run at 75 Press
Man-leaning the S.P. 150
Cms. 100. Nun 21 0/0.

| | | |
|---|---|---|
| | 65 | 82–91 |
| 8201 | 61 | 77–78 |
| 8202 | 62 | 82–89 |
| 8203 | 64 | 77–81 |
| 8204 | 66 | 82–82 |

8205 = S.L. 3872 c 65 c 85-81

8206 = S.L. 3873 c 54 c 57-85

8207 = 5 mg made from hydroxide which is obtained from Evaporating Ammoniacal Solution of Peroxiding Nickel $N_2O_3$ – This mixed 8th 2 days – rolled – 312 – 21%. Selenium make it Clay 15th zero absorbs

8208

8209

8210

8211

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8216 | 42 | 46 | 18 | 30 | 25 | 25 | 23 | 22 |
| 15 | 35 | 38 | 27 | 25 | 25 | 20 | 17 | 15 |
| 14 | 38 | 40 | 33 | 25 | 22 | 21 | 20 | 20 |
| 13 | 35 | 42 | 33 | 28 | 24 | 25 | 23 | 22 |
| 12 | 30 | 32 | 33 | 17 | 16 | 16 | 17 | 13 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8216 | S.C. | 22 | 21 | S.C. | S.C. | 23 | C.O. |
| 15 | 20 | 22 | 17 | 22 | 16 | 15 | |
| 14 | 16 | 18 | 17 | 21 | 15 | 17 | |
| 13 | 26 | 26 | 24 | 27 | 21 | 19 | |
| 12 | 20 | 20 | 17 | 25 | 17 | 17 | |

8212 5 nickels Containing
2 grammes of Carbonate of Barium
Medical in charge present No
prosecution 21½ Multiple County die
Chgs 15 h 200 dr, 100 Dy

8213 64 84-76

8214 84-77

8215 84-78

8216

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8221 | 68 | 73 | 63 | 53 | 50 | 52 | 45 | 43 |
| 20 | 45 | 82 | 62 | 79 | 55 | 58 | 52 | 50 |
| 19 | 85 | 87 | 67 | 65 | 52 | 58 | 50 | 47 |
| 18 | 80 | 88 | 63 | 62 | 52 | 57 | 48 | 47 |
| 17 | 62 | 75 | 63 | 53 | 45 | 52 | 42 | 42 |

Put in 33 gm KOH

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8221 | 52 | 49 | 56 | 47 | 50 | 46 | 33 |
| 20 | 52 | 48 | 55 | 47 | 48 | — | 33 |
| 19 | 52 | 48 | 60 | 48 | 51 | 47 | 32 |
| 18 | 50 | 47 | 55 | 42 | 43 | 39 | — |
| 17 | 48 | 43 | 50 | 42 | 42 | 38 | 33 |

C.O.

8217 Dup of 8212.
but with 3 gram[illegible]
Carbonate of Nickel in
Foil packet

8218 [illegible]

8219 [illegible]

8220 [illegible]

8221 45 [illegible]

The 3g Carbonate added with [illegible]
[illegible] KOH leaving that 33 gm
[illegible] and 1 [illegible] and
[illegible] showed [illegible]
[illegible] [illegible]

| | | | | | | | Piston Holes ↓ |
|---|---|---|---|---|---|---|---|
| 8226 | 337 | 305 | 279 | 262 | 250 | 250 | 257 |
| 25 | 217 | 282 | 263 | 247 | 226 | 220 | 195 |
| 24 | 267 | 305 | 281 | 263 | 242 | 237 | 273 |
| 23 | 327 | 311 | 292 | 289 | 274 | 277 | 285 |
| 22 | 293 | 298 | 272 | 241 | 221 | 217 | 209 |

| | | | | | |
|---|---|---|---|---|---|
| 8226 | 246 | 243 | 239 | 236 | |
| 25 | 157 | 152 | 142 | 139 | |
| 24 | 191 | 178 | 167 | 162 | |
| 23 | 270 | 267 | 262 | 277 | |
| 22 | 197 | 164 | 179 | 182 | |

C.O.

9s 2nd Caliper after they were Corrugated

3.5 grams

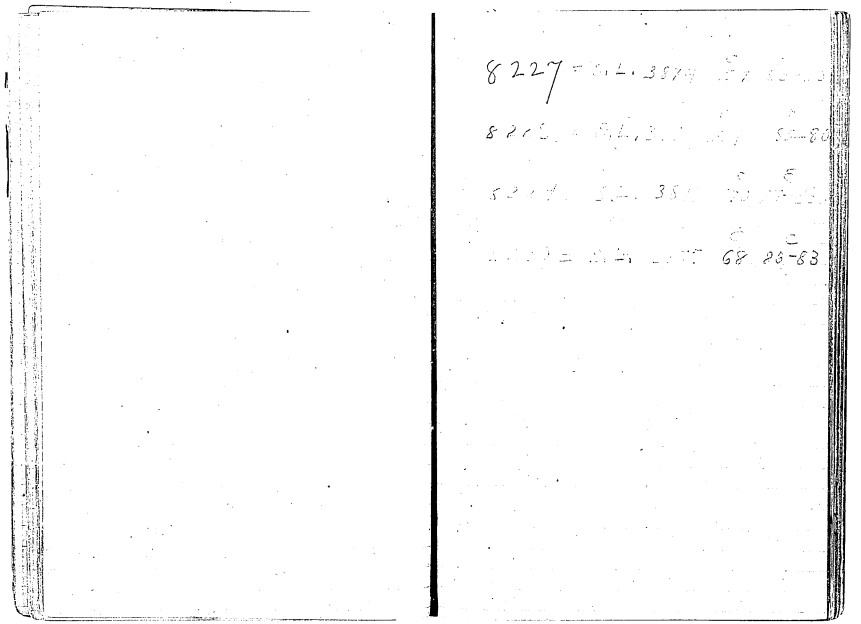
8222 - 5 nickels
3.24 - of which 8 to $NaOH)_2$
(through 20 mesh & the other, 2
flaked Nickel Hydroxide) cleaned
by Hydrogen & Malleabilized
& flaked but low by Sempers by
Effect of the use stud amount

~~SP 100 & Corrugated 100 others~~ W.C. Sempers are in old
Experiment - Dec. 24 hours
in water with 3% KOH,
then charged & put in
fresh 3% KOH. finally
Discharged after 48 hours
or more & dry -
21%

Aug 15 to 20 Cycles 100

| | | | |
|---|---|---|---|
| 8223 | 1st | 84 | 95 - 91 |
| | 2nd | 85 | 91 - 93 |
| 8224 | 1st | 101 | 93 - 104 |
| | 2nd | 79 | 89 - 87 |
| 8225 | 1st | 131 | 117 - 142 |
| | 2nd | 85 | 92 - 93 |
| 8226 | 1st | 103 | 112 - 113 |
| | 2nd | 83 | 91 - 91 |

2nd cells in which the wire cracked and fell



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8235 | 500 | 514 | 495 | 517 | 525 | 517 | 528 |
| 34 | 508 | 514 | 500 | 507 | 525 | 527 | 542 |
| 33 | 500 | 512 | 499 | 509 | 517 | 517 | 527 |
| 32 | 465 | 463 | 467 | 467 | 467 | 464 | 476 |
| 31 | 493 | 498 | 487 | 500 | 513 | 513 | 528 |

| | | | | | |
|---|---|---|---|---|---|
| 8235 | 528 | 527 | 533 | 527 | |
| 34 | 546 | 547 | 551 | 554 | |
| 33 | 525 | 520 | 524 | 523 | End. |
| 32 | 474 | 467 | 470 | 471 | |
| 31 | 528 | 536 | 532 | 533 | |

[TABLE]

8231 8241 [illegible]

Reg. [illegible]

| | | | |
|---|---|---|---|
| | | 94 | 103 — 103 |
| | | 91 | 102 — 100 |
| 8238 | T | [illegible] | [illegible] |
| | B | 93 | 104 — 103 |
| 8235 | T | 97 | 105 — 104 |
| | B | 92 | 103 — 101 |
| 8234 | T | 96 | 103 — 103 |
| | B | 92 | 102 — 102 |
| 8235 | T | 93 | 101 — 102 |
| | B | 95 | 102 — [illegible] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8240 | 510 | 517 | 508 | 522 | 527 | 527 | 539 |
| 39 | 510 | 517 | 508 | 522 | 530 | 528 | 540 |
| 38 | 508 | 520 | 517 | 528 | 535 | 532 | 542 |
| 37 | 525 | 533 | 525 | 533 | 543 | 541 | 552 |
| 36 | 518 | 530 | 517 | 528 | 537 | 536 | 547 |

| | | | | |
|---|---|---|---|---|
| 8240 | 539 | 528 | 548 | 536 |
| 39 | 542 | 530 | 550 | 537 |
| 38 | 542 | 531 | 546 | 532 |
| 37 | 552 | 540 | 554 | 542 |
| 36 | 546 | 537 | 548 | 538 |

End.

S R 36 Diff. of 8231 except
S.P. 106 Col. 150

| | | | |
|---|---|---|---|
| | T | 100 | 104 — 106 |
| | C | 95 | 101 — 103 |
| S R 37 | T | 97 | 103 — 105 |
| | C | 100 | 107 — 108 |
| S R 38 | T | 99 | 105 — 107 |
| | C | 95 | 101 — 103 |
| S R 39 | T | 100 | 104 — 106 |
| | C | 97 | 101 — 102 |
| S R 40 | T | 96 | 99 — 101 |
| | C | 95 | 101 — 101 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8245 | 131 | 707 | 141 | 167 | 177 | 162 | 163 |
| 44 | 125 | 183 | 133 | 153 | 167 | 158 | 150 |
| 43 | S.C. | 70 | 100 | 162 | 192 | 160 | 175 |
| 42 | 113 | 177 | 133 | 152 | 163 | 158 | 145 |
| 41 | 115 | 175 | 140 | 154 | 163 | 158 | 151 |

| | | | | |
|---|---|---|---|---|
| 8245 | 152 | 147 | 155 | 133 |
| 44 | 143 | 156 | 147 | 133 |
| 43 | 163 | 182 | 138 | 158 |
| 42 | 133 | 145 | 142 | 133 |
| 41 | 145 | 148 | 150 | 133 |

C.O.

S241 S 41 Sym. [illegible]

Sym. C. [illegible]

4.2 [illegible] R243

| | | | |
|---|---|---|---|
| | T | 98 | 157–116 |
| | B | 93 | 157–109 |
| 5242 | T | 90 | 157–116 |
| | B | 92 | 158–118 |
| 8243 | T | 90 | 157–117 |
| | B | 96 | 153–112 |
| 8244 | T | 91 | 157–117 |
| | B | 93 | 156–121 |
| 8245 | T | 90 | 152–118 |
| | B | 92 | 152–122 |

Average @ 50'

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8250 | 233 | 228 | 163 | 183 | 178 | 163 | 213 | 167 |
| 49 | 212 | 232 | 163 | 180 | 178 | 163 | 215 | 173 |
| 48 | 193 | 217 | 153 | 163 | 167 | 158 | 215 | 155 |
| 47 | 204 | 250 | 163 | 178 | 185 | 170 | 213 | 177 |
| 46 | 233 | 247 | 163 | 173 | 187 | 175 | 213 | 173 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 8250 | 163 | 165 | 145 | 147 | 140 | |
| 49 | 177 | 160 | 153 | 153 | 147 | |
| 48 | 152 | 153 | 133 | 138 | 133 | |
| 47 | 177 | 167 | 158 | 163 | 155 | |
| 46 | 182 | 173 | 165 | 167 | 155 | |

C.O.

8246 Injection [illegible]

S.A 166 Cap. 165

| | | | |
|---|---|---|---|
| | T | 98 | [illegible] |
| | B | 93 | 161 — [illegible] |
| 8247 | T | 121 | [illegible] |
| | B | 95 | 164 — [illegible] |
| 8248 | T | 110 | 165 — [illegible] |
| | B | 94 | 162 — [illegible] |
| [illegible] | T | 95 | [illegible] |
| | B | 94 | 162 — [illegible] |
| [illegible] | T | 100 | [illegible] |
| | B | 96 | 163 — [illegible] |

Diag @ S.S.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8255 | 333 | 333 | 318 | 263 | 311 | 272 | 275 |
| 54 | 330 | 333 | 327 | 298 | 331 | 300 | 305 |
| 53 | 337 | 333 | 315 | 282 | 321 | 287 | 295 |
| 52 | 333 | 333 | 283 | 263 | 301 | 252 | 275 |
| 51 | 330 | 333 | 237 | 263 | 323 | 292 | 295 |

| | | |
|---|---|---|
| 8255 | 267 | 272 |
| 54 | 292 | 298 |
| 53 | 282 | 296 |
| 52 | 267 | 275 |
| 51 | 290 | 300 |

C.O.

| | | | |
|---|---|---|---|
| | | 94 | [illegible] |
| | | 88 | [illegible] |
| | | 93 | 105–105 |
| | | 96 | [illegible] |
| 8254 | | 92 | [illegible] |
| | | 90 | [illegible] |
| 8255 | | 98 | 107–107 |
| | | 94 | 107–112 |
| 8251 | | 78 | 112–112 |
| | | 75 | [illegible]–107 |

8251

[illegible]

| | | | |
|---|---|---|---|
| 8252 | T | 105 | 113 — 117 |
| | B | 97 | 117 — 117 |
| 8253 | T | 110 | 125 — 125 |
| | B | 102 | 120 — 121 |
| 4 | T | 107 | 117 — 123 |
| | B | 97 | 117 — 117 |
| [illegible] | T | 110 | 123 — 122 |
| | B | 101 | 117 — 121 |
| | T | 109 | 124 — 125 |
| 8251 | B | 102 | 117 — 119 |

Holdup –

8256 5 gibbs pockets put in grids & recompacted – polish sides, then make them Cathode for 15 hours 100 rate. Then soak in water till KOH out then put in water containing 1% of Bromine to eat iron out. Edison will attend to this groups

8257

8258

8259

8260

Feby 11 1905

Contact Resistance of flake graphite
& flake Nickel —
1 gram Equal ambalance
in Cup between buttons —
Measured by Warren

| | Press 10 grm | 60 grm | 110 G | 210 G | 510 G |
|---|---|---|---|---|---|
| Flake Graphite | 1.50 | .220 | .10 | .05 | .025 |
| Nickel | 0.10 | .025 | .015 | .015 | .005 |

Nickel flake 15 times less R 10 grm press
" 9 " 60 "
" 6.7 " 110 "
" 5 " 210 "
" 5 " 510 — "

Today Frehold Electric Welder by are
the perforated strips together — OK —

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8265 | 390 | 395 | 372 | 382 | 383 | 365 | |
| 64 | 357 | 350 | 325 | 332 | 307 | 287 | |
| 63 | 381 | S.C | 342 | S.C | 327 | 299 | C.O. |
| 62 | S.C | Packed | crushed | | | | |
| 61 | 371 | 347 | 310 | 310 | 292 | 287 | |

85 — 91 = 88
91 — 93 - 96

86 — 92 - 89

89 — 91 - 85

87 — 92 - 90

Fredette mucke 644 SS

8261 5 M finger mix - flake ~~gr~~ Nucked 3/10,000 Thick - Proper amount Molasses - Soak ~~grs~~ ~~lbs~~ Molasses sreg way Record 1000 spin dust - 1st press 50 cut smooth, ~~dif~~ in socket 4 dry press 100 cut smooth, 150 Comp ati - 21% Chg 15-h 200 cts 100

8262 98 101

8263 101

8264 100

8265 102

8266 Dup of 8261 but use 4/10,000 flake nickel.

8267

8268

8269

8270

8271 Dup of 8261 except
5/10,000 - which is 1/2 of
1000th of each of Coke [illegible] - 21%

8272

8273

8274

8275

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8280 | 462 | 513 | 497 | 488 | 486 | 492 | 500 |
| 79 | 445 | 498 | 478 | 475 | 472 | 477 | 485 |
| 78 | 462 | 512 | 493 | 487 | 485 | 489 | 494 |
| 77 | 450 | 498 | 447 | 463 | 463 | 470 | 477 |
| 76 | 467 | 512 | 497 | 488 | 492 | 498 | 505 |

| | |
|---|---|
| 8280 | 488 |
| 79 | 476 |
| 78 | 486 |
| 77 | 471 |
| 76 | 487 |

End.

8276 = .5 Reg Ni 21%
Each cell Containing 1 gram mix of Bromide of Potassium
C.hg 15 h 200 deg 100

8277 91 92

8278 94

8279 94

8280 93

| | Bm 33 to Koll | | | | | | |
|---|---|---|---|---|---|---|---|
| 8285 | 400 | 487 | 490 | 523 | 465 | 458 | 451 |
| 84 | 402 | 499 | 498 | 528 | 475 | 477 | 46 |
| 83 | 400 | 490 | 490 | 530 | 477 | 473 | 47 |
| 82 | 382 | 458 | 442 | 455 | 392 | 367 | 36 |
| 81 | 367 | 420 | 380 | 398 | 327 | 297 | 30 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8285 | 495 | 515 | 541 | 557 | 556 | 537 | |
| 84 | 508 | 545 | 557 | 549 | 559 | 538 | |
| 83 | 510 | 543 | S.C. | 527 | 545 | 537 | |
| 82 | 397 | 413 | 410 | 412 | 422 | 409 | |
| 81 | 299 | 282 | S.C. | 291 | 295 | 300 | |

| | |
|---|---|
| 8285 | 545 |
| 84 | 544 |
| 83 | 540 |
| 82 | 410 |
| 81 | 300 |

C.O.

8281. 5 mi Req change + discharge twice in 33½ — after 4th discharge give to Exclusive 15 Soak press in RM, then clay + remove from pockets + pat in new pockets to 6% mois in 21%

| | | |
|---|---|---|
| 8282 | 93 | |
| | 92 | |
| 8283 | 91 | |
| 8284 | 91 | |
| 8285 | 91 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8290 | 90 | 135 | 155 | 173 | 132 | 162 | S.C. |
| 89 | 95 | 144 | 164 | 184 | 147 | 175 | 143 |
| 88 | 95 | 147 | 169 | 187 | 147 | 177 | 147 |
| 87 | 73 | 118 | 147 | 174 | 128 | 165 | 165 |
| 86 | 77 | 113 | 148 | 177 | 133 | 168 | 140 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 8290 | 140 | 157 | 145 | 150 | 152 | 163 |
| 89 | 155 | 163 | 158 | 178 | 177 | 165 |
| 88 | 152 | 167 | 150 | 180 | 173 | 160 |
| 87 | 150 | 157 | 148 | 172 | 175 | 163 |
| 86 | 147 | 157 | 150 | 167 | 168 | 167 |

C.O.

8286 5 mi with two pocket sections, [redacted]

Containing a total of 3.2 grammes of Nickel hydroxide containing 6 percent of [illegible] impurities ~~[illegible]~~ No graphite powdered to go through 20 mesh Smooth [illegible]

150 — Chg 15 h. 200 [illegible]

| | | | |
|---|---|---|---|
| 8287 | T | 100 | 104—104 |
| | B | 94 | 102—102 |
| | T | 103 | 110—110 |
| | B | 97 | 108—107 |
| 8288 | T | 97 | 104—104 |
| | B | 94 | 105—104 |
| 8289 | T | 100 | 109—108 |
| | B | 97 | 105—106 |
| 8290 | T | 98 | 106—104 |
| | B | 96 | 103—107 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8295 | 367 | 460 | 477 | 482 | 500 | 504 | 510 |
| 94 | 403 | 487 | 495 | 495 | 500 | 500 | 507 |
| 93 | 367 | 460 | 492 | 498 | 500 | 503 | 509 |
| 92 | 455 | 482 | 487 | 483 | 472 | 472 | 477 |
| 91 | 400 | 487 | 490 | 487 | 486 | 486 | 492 |

8295 496

94 493

End.

93

92

91

8291 = 5 Ml Req 21% —
1 gram Chloride of Ammonium in
2 cubic cent.
Chg 15 h 200 chs 100

8292

8293

8294

8295

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8300 | 215 | 400 | 430 | 453 | 466 | 481 | 487 | 479 |
| 8299 | 103 | 253 | 397 | 400 | 428 | 437 | 446 | 446 |
| 98 | 103 | 400 | 465 | 482 | 482 | 486 | 494 | 486 |
| 97 | 222 | 412 | 465 | 487 | 504 | 507 | 513 | 503 |
| 96 | 202 | 412 | 475 | 493 | 497 | 500 | 510 | 50[illegible] |

| | | | | | | |
|---|---|---|---|---|---|---|
| 8300 | 496 | 485 | 487 | 481 | 477 | |
| 8299 | 452 | 466 | 478 | 472 | 473 | C.O. |
| 98 | 497 | 488 | 486 | 482 | 480 | |
| 97 | 505 | 512 | 507 | 507 | 500 | |
| 96 | 506 | 512 | 504 | 503 | 500 | |

Accidentally one 3 e from each cell with the two 3.5 g. Tips in same original solution two see if 3 e is hard.

| | | | | | |
|---|---|---|---|---|---|
| 8300 | 1117 | 1100 | 1100 | 1067 | 1097 |
| 8299 | 1117 | 1073 | 1100 | 1067 | 1090 |
| 98 | 1110 | 1067 | 1057 | 1063 | 1067 |
| 97 | 1120 | 1063 | 1060 | 1057 | 1067 |
| 96 | 1110 | 960 | 1017 | 1017 | 1000 |

C.O.

8296 = 5 ml 21%
Each cell contained 5 grams
~~Ethyl~~ Ammonia —
Cl g in 200 ml 100

8297 98 98 — 102
92 102 — 102

8298 93 102 — 103

8299 99 97 — 97

8300 [illegible]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8305 | 468 | 589 | 662 | 713 | 727 | 738 | 700 |
| 04 | 470 | 597 | 676 | 720 | 733 | 746 | 703 |
| 03 | 467 | S.C. | 567 | 658 | 682 | 707 | 658 |
| 02 | 466 | 590 | 667 | 715 | 727 | 733 | 697 |
| 01 | 472 | 597 | 672 | 726 | 740 (722) | 741 (733) | 705 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8305 | 742 | 778 | 724 | 739 | 711 | 764 | 758 |
| 04 | 744 | 780 | 732 | 747 | 728 | 767 | 750 |
| 03 | 702 | 722 | 689 | 717 | 700 | 733 | 727 |
| 02 | 731 | 754 | 700 | 733 | 716 | 743 | 730 |
| 01 | 745 | 758 | 704 | 747 | 713 | 746 | 733 |

| | | |
|---|---|---|
| 8305 | 750 | Gen. Ave. |
| 04 | 752 | |
| 03 | 725 | 750 |
| 02 | 733 | 765 |
| 01 | 747 | 762 |
| | 741 | |

End.

725

5 | 3707
741

8301 — 5" pi with 2 packets in Eucalyptus [illegible]
3.2 Reg mix total — smooth pavers
100 Corrugated 150 —
Change Delivery to 3:30
Chg 15th to 200 dist 100

| | | | |
|---|---|---|---|
| 8302 | T | 100 | 105 — 104 |
| | B | 100 | 105 — 104 |
| | T | 99 | 105 — 104 |
| | B | 97 | 101 — 102 |
| 8303 | T | 98 | 103 — 100 |
| | B | 99 | 105 — 103 |
| 8304 | T | 99 | 104 — 104 |
| | B | 98 | 102 — 103 |
| 8305 | T | 95 | 105 — 102 |
| | B | 98 | 105 — 101 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8310 | 437 | 536 | 600 | 646 | 657 | 652 | 636 |
| 09 | 433 | 517 | 573 | 617 | 628 | 625 | 625 |
| 08 | 454 | 552 | 612 | 657 | 671 | 667 | 651 |
| 07 | 447 | 553 | 622 | 669 | 682 | 687 | 667 |
| 06 | 439 | 543 | 598 | 640 | 647 | 657 | 633 |
| | | | | | 657 | 657.6 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8310 | 667 | 676 | 625 | 665 | 688 | 770 | 687 |
| 09 | 650 | 669 | 607 | 644 | 668 | 754 | 650 |
| 08 | 690 | 706 | 643 | 686 | 714 | 802 | 704 |
| 07 | 707 | 725 | 663 | 697 | 720 | 806 | 712 |
| 06 | 673 | 697 | 637 | 667 | 693 | 787 | 700 |

| | | | | |
|---|---|---|---|---|
| 8310 | 693 | 667 | 680 | 697 |
| 09 | 687 | 645 | S.C. | 695 |
| 08 | 736 | 712 | 723 | 737 |
| 07 | 746 | 723 | 723 | 737 |
| 06 | 724 | 713 | 723 | 742 |

End.

8306 = 5 mi with Two Cups in Each grid — 3 grammar, Requirt Total — Should express 100 Corr 150 Alg 15 = 200 Corr 100 in 33%

| | | | |
|---|---|---|---|
| 8307 | T | 95 | 100 — 95 |
| | B | 93 | 99 — 98 |
| | T | 95 | 100 — 101 |
| | B | 94 | 100 — 98 |
| 8308 | T | 97 | 103 — 99 |
| | B | 95 | 101 — 100 |
| 8309 | T | 95 | 101 — 100 |
| | B | 95 | 97 — 102 |
| 8310 | T | 92 | 101 — 98 |
| | B | 94 | 98 — 98 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8315 | 404 | 494 | 552 | 586 | 597 | 614 | 573 |
| 14 | 400 | 487 | 541 | 572 | 583 | 595 | 557 |
| 13 | 408 | 463 | 549 | 587 | 596 | 596 | 562 |
| 12 | 420 | 517 | 572 | 617 | 628 | 624 | 580 |
| 11 | 400 | 487 | 532 | 568 | 576 (596) | 577 (600?) | 538 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8315 | 611 | 631 | 607 | 621 | 657 | 726 | 679 |
| 14 | 593 | 612 | 583 | 609 | 644 | 717 | 667 |
| 13 | 598 | 616 | 581 | 617 | 643 | 715 | 662 |
| 12 | 625 | 636 | 592 | 627 | 652 | 725 | 663 |
| 11 | 575 | 589 | 526 | 565 | 597 | 685 | 632 |

| | | | | |
|---|---|---|---|---|
| 8315 | 670 | 660 | 658 | 683 |
| 14 | 648 | 640 | 642 | 660 |
| 13 | 638 | 633 | 643 | 642 |
| 12 | 641 | 642 | 635 | 655 |
| 11 | 615 | 600 | 613 | 633 |

End.

687

8311 = 5 mi two packets in one grid — Containing 275 grantonus Req 100% smooth pieces / 100 Corrug 150 Chg reduction 33⅓ Chg 15 h 200 elec 100

8312 T 91 95 – 95
B 89 95 – 93
T 93 95 – 93
B 89 91 – 93

8313 T 87 91 – 93
B 91 93 – 94

8314 T 93 93 – 95
B 91 94 – 93

8315 T 94 96 – 96
B 91 93 – 97

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8320 | 393 | 427 | 440 | 447 | 507 | 472 | 492 | 513 |
| 19 | 393 | 420 | 438 | 452 | 509 | 482 | 507 | 525 |
| 18 | 333 | 420 | 438 | 447 | 506 | 475 | 495 | 517 |
| 17 | 367 | 427 | 458 | 467 | 525 | 489 | 507 | 528 |
| 16 | 367 | 420 | 443 | 456 | 495 | 472 | 493 | 507 |
| | | | | | | 478 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8320 | 484 | 512 | 541 | 625 | 575 | 557 | 533 |
| 19 | 497 | 523 | 548 | 625 | 576 | 560 | 542 |
| 18 | 486 | 507 | 532 | 612 | 563 | 561 | 533 |
| 17 | 503 | 518 | 549 | 631 | 579 | 580 | 555 |
| 16 | 492 | 499 | 521 | 598 | 550 | 554 | 542 |

| | | |
|---|---|---|
| 8320 | 558 | 558 |
| 19 | 557 | 557 |
| 18 | 557 | 552 |
| 17 | 563 | 587 |
| 16 | 560 | 557 |

End.

8316 = 5 lbs two cups in each grid 215 grams 2.9 kilos smooth grades 100 Control 150 Chg + clubbing in 33% + Chg 15 h 200 clubbing 100

| | | | |
|---|---|---|---|
| | T | 87 | 85 - 88 |
| | B | 86 | 86 - 85 |
| 8317 | T | 87 | 87 - 85 |
| | B | 89 | 90 - 90 |
| 8318 | T | 87 | 86 - 87 |
| | B | 87 | 90 - 90 |
| 8319 | T | 86 | 87 - 87 |
| | B | 90 | 90 - 91 |
| 8320 | T | 84 | 85 - 86 |
| | B | 89 | 90 - 88 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8325 | 212 | 300 | 280 | 292 | 300 | 275 | 290 |
| 24 | 235 | 293 | 323 | 340 | 353 | 333 | 350 |
| 23 | 227 | 289 | 317 | 333 | 353 | 317 | 322 |
| 22 | 227 | 288 | 313 | 333 | 352 | 317 | 332 |
| 21 | 222 | 277 | 300 | 313 | 325 | 298 | 320 |
| | | | | | | 308 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8325 | 277 | 300 | 303 | 300 | 327 | 297 | 307 |
| 24 | 345 | 337 | 362 | 367 | 395 | 378 | 367 |
| 23 | 325 | 323 | 338 | 346 | 377 | 365 | 358 |
| 22 | 325 | 323 | 338 | 345 | 373 | 363 | 352 |
| 21 | 317 | 303 | 321 | 370 | 353 | 343 | 333 |

| | | | |
|---|---|---|---|
| 8325 | 334 | 323 | 322 |
| 24 | 380 | 363 | 375 |
| 23 | 365 | 365 | 377 |
| 22 | 352 | 350 | 367 |
| 21 | 333 | 333 | 350 |

End.

8321 5 mi 2 pockets in
Each grid - 2 grammes
Req Nickel - Shoal Harbour
100 Coming 150 -
Chg + stocking in 33%
Chg 15 h 200 ds 100 -

| | | | |
|---|---|---|---|
| 8322 | T | 77 | 74 - 80 |
| | B | 73 | 78 - 78 |
| | T | 77 | 83 - 78 |
| | B | 76 | 79 - 79 |
| 8323 | T | 73 | 79 - 80 |
| | B | 74 | 80 - 80 |
| 8324 | T | 73 | 79 - 80 |
| | T | 75 | 80 - 74 |
| 8325 | T | 70 | 73 - 76 |
| | B | 76 | 70 - 78 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8330 | 252 | 283 | 308 | 333 | 335 | 343 | 348 | 373 |
| 29 | 250 | 292 | 310 | 345 | 343 | 350 | 358 | 336 |
| 28 | 248 | 243 | 267 | 290 | 280 | 287 | 300 | 267 |
| 27 | 248 | 283 | 300 | 317 | 340 | 345 | 352 | 328 |
| 26 | 265 | 315 | 333 | 360 | 368 | 387 | 383 | 347 |
| | | | | | | 355 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8330 | 250 | 345 | 337 | 362 | 367 | 390 | 379 | 367 |
| 29 | 257 | 348 | 337 | 363 | 367 | 378 | 388 | 378 |
| 28 | 265 | 277 | 300 | 300 | 300 | 320 | 300 | 300 |
| 27 | 257 | 345 | 334 | 362 | 367 | 398 | 388 | 377 |
| 26 | 284 | 390 | 357 | 383 | 390 | 433 | 422 | 411 |

| | | | | |
|---|---|---|---|---|
| 8330 | 365 | 367 | 378 | |
| 29 | 378 | 380 | 383 | |
| 28 | 300 | S.C. | S.C. | |
| 27 | 382 | 378 | 388 | |
| 26 | 400 | 393 | 430 | |

End.

2 | 387
193
3
2
1
6
6.1

2 mw to 580

8326 - 5 mi. 2 pockets each grid 2 grams 2 mix —
100 atmos smooth press
200 atmos corrugate
Chg 9 duration 33%
Chg 15 h 20 duration —

| | | | | |
|---|---|---|---|---|
| 8327 | T | 71 | 75 | 75 |
| | B | 81 | 72 | 82 |
| | T | 68 | 80 | 80 |
| | B | 80 | 76 | 78 |
| 8328 | T | 76 | 77 | 76 |
| | B | 76 | 83 | 83 |
| 8329 | T | 82 | 84 | 80 |
| | B | 75 | 72 | 72 |
| 8330 | T | 75 | 78 | 74 |
| | B | 80 | 78 | 84 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8334 | 477 | 452 | 445 | 427 | 408 | 397 | 377 |
| 33 | 478 | 442 | 425 | 397 | 373 | 348 | 333 |
| 32 | 388 | 377 | 377 | 363 | 363 | 338 | 318 |
| 31 | 467 | 436 | 421 | 414 | 345 | 362 | 347 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8334 | 373 | 378 | 372 | 333 | 312 | 310 | 306 |
| 33 | 331 | 330 | 332 | 300 | 285 | 282 | 279 |
| 32 | 311 | 310 | 313 | 295 | 277 | 272 | 267 |
| 31 | 333 | 333 | 333 | 310 | 297 | 290 | 289 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8334 | 290 | 285 | 290 | 275 | 262 | 257 | 250 |
| 33 | 262 | 282 | 263 | 252 | 242 | 233 | 233 |
| 32 | 151 | 253 | 258 | 240 | 225 | 227 | 226 |
| 31 | 267 | 272 | 267 | 260 | 245 | 244 | 233 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8334 | 248 | 238 | 233 | 257 | 242 | 232 | 243 |
| 33 | 230 | 222 | 220 | 217 | 223 | 213 | 208 |
| 32 | 223 | 207 | 222 | 202 | 208 | 200 | 208 |
| 31 | 233 | 227 | 226 | 232 | 225 | 217 | 228 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8334 | 237 | 230 | 238 | 233 | 245 | 237 | 233 |
| 33 | 220 | 215 | 227 | 223 | 237 | 233 | 232 |
| 32 | 207 | 200 | 210 | 207 | 220 | 215 | 210 |
| 31 | 223 | 217 | 227 | 224 | 233 | 228 | 227 |

8331 — 5 Ni 3.0 grams grain Nickel hydroxide, through 20 mesh 2 gram Nickel powder reduced by hydrogen — Dry mix — Chg 15th K 200 — dub 100 — 2.1 lbs Ba/sack. Light nickel ground at 2.26 grams to lbs

8332 97 106-108

8333 98 108-110

8334 100 110 109

8335 —

8331 98 110-111

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8334 | 231 | 225 | 220 | 221 |
| 33 | 220 | 213 | 213 |
| 32 | 205 | 198 | 200 |
| 31 | 216 | 212 | 212 |

8336 – 5 Ni 4 grams of Nickel hydroxide made by precipitg Sulphate with slight excess of KOH, boiling and giving it only one decantation in Westinghouse battery jar – Make about 1½ oz – Then dry & powder through 20 mesh Save some of the dry stuff to determine the nickel —
Chg 15 h 200 ohms 100 21%

8337

8338

8339

8340

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8345 | 200 | 202 | 197 | 168 | 175 | 153 | 140 |
| 44 | 198 | 200 | 188 | 167 | 177 | 157 | 140 |
| 43 | 198 | 200 | 175 | 150 | 167 | 167 | 125 |
| 42 | 200 | 200 | 188 | 163 | 170 | 150 | 132 |
| 41 | 200 | 200 | 167 | 157 | 137 | 133 | 117 |

C.O.

8341 5 ml 3 grms green hydrox through 20 mesh mixed with Vaseline + put in Cup —
Smooth press 100 Cor 150
Soak in ~~Benzol for 1 hr.~~
Tumble full of gasoline Change 4 times then dry — 21% Cly 15 h 200 dis 100 —

8342 — 97 — 97 - 98

8343 — 100 — 97

8344 — 97 — 97

8345 — 95 — 95 - 95

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8350 | 50 | 115 | 97 | 100 | 80 | 100 | 100 |
| 49 | 60 | 117 | 103 | 112 | 95 | 115 | 112 |
| 48 | 52 | 122 | 120 | 112 | 88 | 107 | 100 |
| 47 | 57 | 132 | 113 | 118 | 100 | 115 | 112 |
| 46 | 53 | 147 | 137 | 137 | 113 | 132 | 127 |

C.O.

8346 = 2½ grammes green Nickel hydroxide, 1 gramm lead glass Capillary tubed 10/1000 diam 1/32 long Made by Dudley - mixwith Nickel. 100 Smooth from 100 Corrugate. Chg 15 h 200 diam 100 21% —

| | | |
|---|---|---|
| 8347 | 101 | 113-111 |
| | 97 | 104-106 |
| 8348 | 100 | 109-111 |
| 8349 | 101 | 110-108 |
| 8350 | 98 | 109-106 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8356 | 685 | 693 | 678 | 649 | 659 | 665 | 647 |
| 55 | 695 | 700 | 697 | 697 | 693 | 687 | 680 |
| 54 | | 600 | 590 | 537 | 583 | 575 | 578 |
| 53 | | 538 | 537 | 526 | 527 | 517 | 512 |

| | | | | | |
|---|---|---|---|---|---|
| 8356 | 643 | 649 | 625 | | 8356, 55. Sp |
| 55 | 670 | 670 | 665 | | in $H_2O$ till free of K |
| 54 | 577 | 578 | 567 | 582 | I hour dried + re |
| 53 | 512 | 520 | 507 | 508 | Corrugated @ 150 d |

and put up with 2 cc sp. Tes no 21 o/c

Cell per after sp. recovery 8356 109 109-11

55 107 109-10

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8356 | 588 | 575 | 565 | 567 | 547 | 558 | 557 | 5 |
| 55 | 599 | 610 | 628 | 615 | 618 | 617 | 612 | 6 |
| 54 | 572 | 575 | 580 | 562 | 567 | 565 | 567 | 5 |
| 53 | 507 | 507 | 516 | 497 | 515 | 508 | 512 | 5 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8356 | 537 | 573 | 565 | 555 | 550 | 561 | 543 | 5 |
| 55 | 603 | 603 | 625 | 612 | 610 | 618 | 610 | 6 |
| 54 | 563 | 583 | 587 | 547 | 567 | 578 | 567 | 5 |
| 53 | 488 | 525 | 508 | 505 | 500 | 510 | 498 | 5 |

8351 5 M Reg changed & dyed

~~dyed~~ in 33% ~~not~~ then changed

~~put in water to~~ Pumpagain + Left in Cells until Edison Comes to Lab. to soak cells Kill out & float 11.0 $NiO_2$ out & dry it Marking two cells from resultant, 3 gram Cake No graphite —

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 12 pt | | | | | | | | |
| 517 | | | | | | | | |
| 540 | | | | | | | | |
| 577 | | | | | | | | |
| 520 | | | | | | | | |

8352

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8356 | 563 | 567 | 572 | 567 | 547 | 549 | 544 | 560 |
| 55 | 622 | 621 | 603 | 623 | 612 | 617 | 614 | 620 |
| 54 | 585 | 585 | 587 | 587 | 576 | 579 | 573 | 580 |
| 53 | 514 | 525 | 517 | 517 | 500 | 500 | 500 | 512 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8356 | 548 | 557 | 543 | 555 | 567 | 547 | 545 | 530 |
| 55 | 615 | 615 | 612 | 617 | 622 | 610 | 610 | S.C. |
| 54 | 575 | 578 | 570 | 580 | 585 | 578 | 577 | 558 |
| 53 | 527 | 533 | 533 | 538 | 555 | 533 | 533 | 523 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8356 | 529 | 531 | 532 | 542 | 525 | 533 | 528 | 532 | |
| 55 | 600 | 595 | 595 | 608 | 597 | 597 | 595 | 600 | |
| 54 | 562 | 557 | 558 | 567 | 552 | 562 | 553 | 562 | Balanced by Number of Plates |
| 53 | 520 | 533 | 528 | 530 | 523 | 531 | 522 | 530 | |

@ 500

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8357 | 717 | 759 | 768 | 831 | 746 | 767 | 483 |
| 56 | 717 | 779 | 768 | 837 | 758 | 778 | 492 |
| 55 | 715 | 769 | 755 | 826 | 757 | 785 | 462 |
| 54 | 693 | 767 | 756 | 830 | 744 | 767 | 743 |
| 53 | 672 | 707 | 711 | 767 | S.C. | 753 | 720 |

717 = 285 per q.in. $Ni(OH)_2$

758 = 305 " "

@ 500

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8357 | 500 | S.C. | Gave to Q.E. | | | | |
| 56 | 525 | 738 | 735 | 730 | 740 | 723 | 713 |
| 55 | 758 | 777 | 749 | 737 | 750 | 743 | 727 |
| 54 | 736 | 752 | 727 | 727 | 743 | 735 | 718 |
| 53 | 682 | 708 | 685 | 682 | 713 | S.C. | S.C. |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8356 | 697 | 697 | 686 | 686 | 668 | 707 | |
| 55 | 707 | 713 | 712 | 701 | 696 | 700 | |
| 54 | 695 | 700 | 698 | 695 | 688 | 694 | * |
| 53 | 692 | 680 | 680 | 674 | 667 | 662 | |

* 8354 & 53. - Soaked in large quantity $H_2O$ till free of KOH, then dried & recompacted at 150°. Assembled with electrolyte changed 3 times in 10 o/o KOH

Caliper after repressing 8354 | 102 | 105 - 06

53 | 104 | 104 - 09

See previous pages —

Mixture 16 grm
9 electrolyte
15 water

8353 = 5 M green hydroxide
8 & 2 [illegible] 175 grms
Malonic - Mix 2 to 8
flake Cobalt, Soak Malonic
out regular way
1st press 50 — after soaking
& drying 100 OP & 150 Corrug
Clip 15 hr 200 deg C — 21%

2.515 $Ni(OH)_2$ 3.4 grm Coke

| | | |
|---|---|---|
| 8354 | 95 | 103 & 106 |
| 8355 | 93 | 102 & 107 |
| 8356 | 94 | 105 & 106 |
| 8357 | 94 | 104 & 105 |

| | | | | |
|---|---|---|---|---|
| 8353 | 112 | 86 | 116 | 96 - 96 |
| 8354 | 113 | 88 | 111 | 96 - 96 |
| 8355 | 111 | 91 | 106 | 97 - 97 |
| 8356 | 113 | 92 | 111 | 100 - 98 |
| 8357 | 112 | 98 | 110 | 100 - 100 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8362 | 492 | 542 | 533 | 539 | 543 | 547 | 545 |
| 61 | 498 | 540 | 518 | 527 | 533 | 540 | 53 |
| 60 | 493 | 523 | 520 | 530 | 533 | 539 | 536 |
| 59 | 495 | 542 | 532 | 537 | 542 | 546 | 545 |
| 58 | 494 | 548 | 537 | 546 | 554 | 559 | 557 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8362 | 532 | 525 | 529 | 473 | 514 | 526 | 521 |
| 61 | 518 | 512 | 515 | 515 | 500 | 511 | 50- |
| 60 | 527 | 522 | 527 | 526 | 512 | 522 | 510 |
| 59 | 529 | 522 | 528 | 530 | 520 | 527 | 521 |
| 58 | 541 | 538 | 542 | 546 | 529 | 541 | 54- |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8362 | 506 | 504 | 505 | 500 | 507 | 501 | 502 |
| 61 | 492 | 489 | 488 | 486 | 493 | 487 | 487 |
| 60 | 504 | 503 | 502 | 497 | 502 | 494 | 493 |
| 59 | 506 | 509 | 511 | 509 | 513 | 507 | 508 |
| 58 | 520 | 527 | 525 | 522 | 529 | 520 | 522 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8362 | 503 | 504 | 505 | 502 | 481 | 495 | 494 |
| 61 | 495 | 495 | 497 | 494 | 477 | 490 | 491 |
| 60 | 500 | 502 | 502 | 495 | 476 | 488 | 488 |
| 59 | 513 | 516 | 517 | 512 | 497 | 511 | 512 |
| 58 | 526 | 527 | 533 | 526 | 511 | 526 | 529 |

8358 – 5 Req Nl - mix put in Cups which have been sulphurized to repelled by grua by passing H S that no ; v
Cups – pwa, Req —
Chg 15h 200 dis 100 –

| | | |
|---|---|---|
| 8359 | 92 | 103–105 |
| | 93 | 103–104 |
| 8360 | 93 | |
| 8361 | 93 | |
| 8362 | 94 | 103–104 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8362 | 503 | 495 | 489 | 482 | 485 | 497 | 490 | 477 |
| 61 | 500 | 497 | 489 | 483 | 486 | 496 | 487 | 479 |
| 60 | 497 | 490 | 483 | 476 | 478 | 492 | 487 | 477 |
| 59 | 522 | 511 | 507 | 500 | 503 | 517 | 510 | 498 |
| 58 | 537 | 530 | 530 | 525 | 522 | 537 | 531 | 524 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8362 | 488 | 482 | 474 | 456 | 463 | 469 | 464 | 465 |
| 61 | 486 | 479 | 467 | 456 | 457 | 457 | 456 | 463 |
| 60 | 482 | 477 | 464 | 456 | 457 | 464 | 457 | 464 |
| 59 | 506 | 503 | 492 | 478 | 483 | 497 | 487 | 487 |
| 58 | 527 | 527 | 514 | 511 | 511 | 522 | 510 | 515 |

Bacteria to count on plates

8363 5 Ml Reg mix - Cups heavy plated with Cadmium, have then plated about 1/1000 to 1 1/2/1000 but not to close having accelerated the plating is good —.
21% plus rag
Cl. 15th 20 lbs. 10 d

8364

8365

8366

8367

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8372 | 497 | 497 | 497 | 497 | 503 | 500 | 497 | 495 |
| 71 | 347 | 488 | 508 | 513 | 505 | 517 | 503 | 500 |
| 70 | 183 | 489 | 460 | 443 | 457 | 490 | 509 | 495 |
| 69 | 406 | 510 | 510 | 508 | 503 | 510 | 500 | 495 |
| 68 | 358 | 497 | 497 | 497 | 485 | 497 | 495 | 497 |

Note – The copper plates over on the 72.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8372 | 498 | 493 | 495 | 495 | 502 | 493 | 475 | |
| 71 | 515 | 495 | 500 | 498 | 507 | 497 | 487 | |
| 70 | 520 | 497 | 500 | 500 | 507 | 495 | 487 | |
| 69 | 500 | 487 | 488 | 490 | 495 | 485 | 477 | |
| 68 | 498 | 470 | 473 | 477 | 485 | 477 | 465 | |

C.O.

8368 – 5 Reg Mix #1
Cups heavy plated with Copper but plates so heavy can't close holes up
21% Reg brass
Chg 15 h 200 d → 100

| | | |
|---|---|---|
| 8369 | 95 | 105-115 |
| | 97 | 105-115 |
| 8370 | 97 | 107-114 |
| 8371 | 94 | 107-115 |
| 8372 | 94 | 107-115 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 8375 | 220 | 238 | 232 | 202 | 188 | C.O. |
| 74 | 220 | 217 | 195 | 158 | 155 | |
| 73 | 202 | 193 | 162 | 161 | 157 | |

8373 3 Ni Green Hydrosilicate
7 + 3 grammes mix 1.5 grammes
Molassis the 3 is [illegible] Fleshe Nickel[illegible]
Soak Molasses out regenerate [illegible]
[illegible] by rolling [illegible]
1st [illegible] 50 — after Soaking + drying
100 SP — 100 Carrig
Mg 15 [illegible]
3.1 gra[illegible]

| | | |
|---|---|---|
| | 86 | 95-94 |
| 874 | 87 | 92-93 |
| | | |
| 875 | 85 | 93-95 |

| | | | | |
|---|---|---|---|---|
| 8376 | 302 | 242 | 200 | 170 |
| 77 | 327 | 235 | 232 | 197 |
| 78 | 290 | 260 | 238 | 207 |

C.O.

8376 Same as 8373 [illegible]
alles Smoking [illegible]
S.P 100 [illegible]
[illegible]

| | | |
|---|---|---|
| 377 | SS | [illegible] |
| | SS | [illegible] |
| 8378 | 9? | [illegible] |

| | | | | |
|---|---|---|---|---|
| 8381 | 225 | 267 | 238 | 204 |
| 50 | 240 | 235 | 209 | 190 |
| 79 | 269 | 242 | 202 | 174 |

C.O.

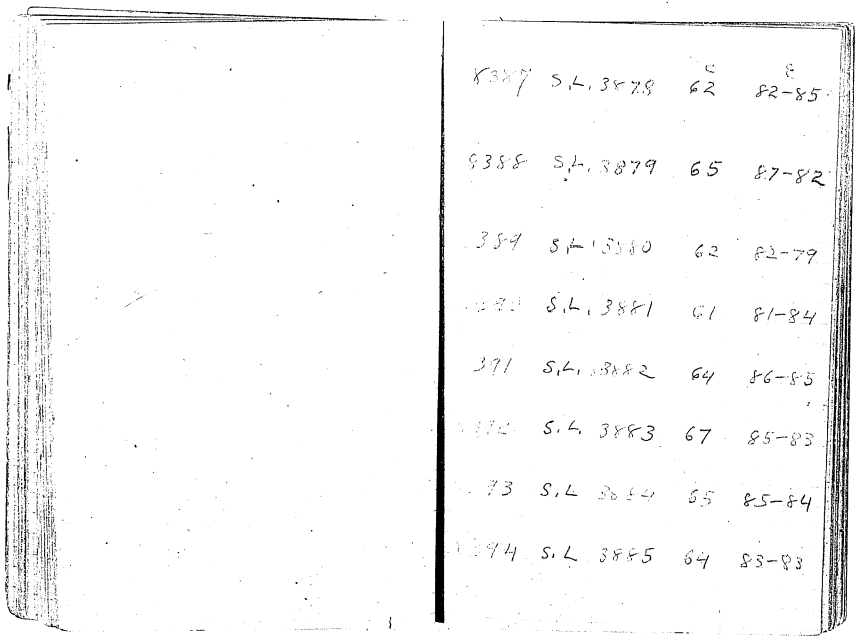
8379 [illegible]

8380 89 94-94
91 95-96

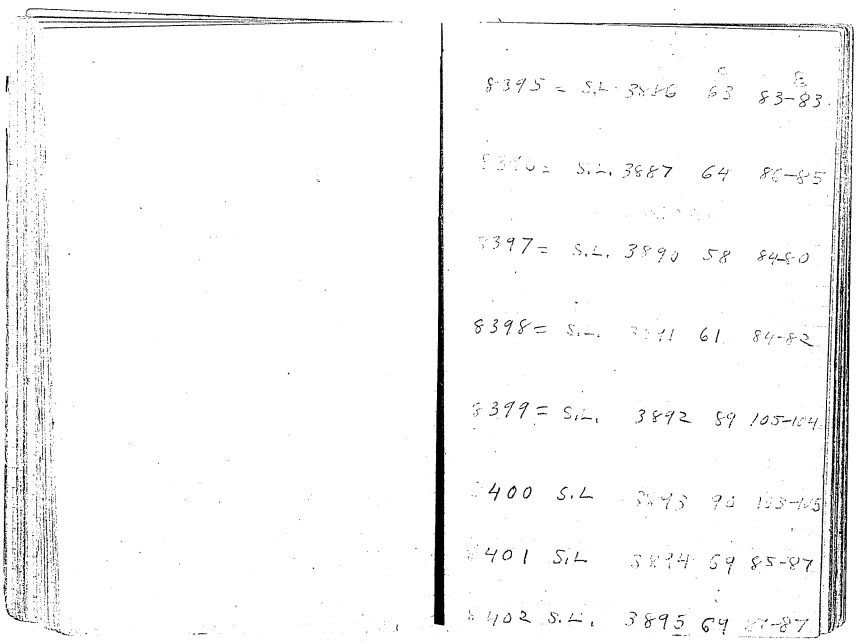
8381 92 95-96

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5392 | 62 | 59 | 80 | 87 | 87 | 85 | C.O. |
| 93 | 69 | 78 | 65 | 102 | 100 | 99 | |
| 52 | 63 | 67 | 64 | 88 | 86 | 87 | |

5382 5 ft Hydraulic
8+2 [illegible] 1.5 [illegible]
[illegible]
[illegible]
[



| | | | |
|---|---|---|---|
| 9387 | S.L. 3878 | 62 | 82-85 |
| 9388 | S.L. 3879 | 65 | 87-82 |
| 389 | S.L. 3880 | 62 | 82-79 |
| 390 | S.L. 3881 | 61 | 81-84 |
| 391 | S.L. 3882 | 64 | 86-85 |
| 392 | S.L. 3883 | 67 | 85-83 |
| 393 | S.L. 3884 | 65 | 85-84 |
| 394 | S.L. 3885 | 64 | 83-83 |



8395 = S.L. 3886 63 83-83

8396 = S.L. 3887 64 86-85

8397 = S.L. 3890 58 84-80

8398 = S.L. 3891 61 84-82

8399 = S.L. 3892 59 105-104

8400 S.L 3893 [illegible] 103-105

8401 S.L 3894 59 85-87

8402 S.L. 3895 64 87-87

8403 = S.L 3896 70 84-86

8405 = S.L 3897 70 87-88

8406 = S.L. 3888 62 8079

8407 = S.L. 3889 63 79-80

8408 Dump of 4382
Except 644 - Flinko Copper

8409

8410

8411

8412

| | | | | | | |
|---|---|---|---|---|---|---|
| 8417 | S.C. | Pocket stripped | | | | |
| .16 | 314 | 309 | 287 | 287 | 293 | C.O. |
| 15 | 317 | 294 | 293 | 300 | 311 | |
| 14 | 300 | 287 | 276 | 267 | 281 | |
| 13 | S.C. | 291 | 260 | 253 | 274 | |

8413 —

yuva 2190 No specific [illegible]

Sufficient pat in pockets to calibrate after seeing previous 8's to get in Center, after you have found exact the amount by weight that will give them Calibrate use the same weights in all — the cups Chg 15 h 200 elev 100 21%

Weight of material in cake = 2.920 g.

8414 93 [illegible]

91 [illegible]

8415 92 102-106

8416 94 103-104

8417 92 102-103

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8422 | 130 | 187 | 167 | 160 | 167 | 158 | |
| 21 | 128 | 198 | 180 | 155 | 167 | 155 | |
| 20 | 108 | 180 | 150 | 153 | 150 | 157 | C.O |
| 19 | 118 | 187 | 168 | 155 | 167 | 157 | |
| 18 | 112 | 177 | 165 | 147 | 165 | 167 | |

8418 –
2193 Jhoa
Urea in same way as 8413

8419 [illegible] [illegible]

8420 [illegible]

8421 [illegible]

8422 [illegible] 102 – 98

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8427 | 213 | 308 | 280 | 263 | 253 | 243 | |
| 26 | 215 | 307 | 275 | 260 | 255 | 248 | |
| 25 | 205 | 292 | 263 | 230 | 237 | 230 | C.O. |
| 24 | 150 | 290 | 248 | 230 | 237 | 232 | |
| 23 | 197 | 290 | 243 | 222 | 233 | 232 | |

8423
jwa 2191—
Use in same country as 8413

Gallon — 2,633 [illegible]

8424 93 [illegible]

8425 92 [illegible]

8426 93 [illegible]

8427 [illegible]

Note

8428 Supt.
fwa 2191- use same as 8413

8429

8430

8431

8432

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8437 | 210 | 198 | 178 | 158 | 167 | 160 | |
| 36 | 190 | S.C. | 182 | S.C. | S.C. | 187 | |
| 35 | 188 | 173 | 180 | 183 | S.C. | 187 | C.O. |
| 34 | 210 | 208 | 163 | 167 | 179 | 167 | |
| 33 | 200 | 213 | 190 | 167 | 178 | 168 | |

8433 =
Iwa 2192 = Use same as 8413
Except break up big clumps carefully
so they will be about same numbers
as others —

8434

8435

8436

8437

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8442 | 183 | 158 | 143 | 115 | 133 | 123 | |
| 41 | 193 | 158 | 143 | 128 | 138 | 128 | |
| 40 | 197 | 160 | 150 | 130 | 145 | 133 | C.O |
| 39 | Split | Pocket | | | | | |
| 38 | 205 | 167 | 155 | 142 | 150 | 143 | |

8438 =
2188-flux Use same as 8413

2.7 m Cable

| | | |
|---|---|---|
| 8439 | 88 | 101-100 |
| | 89 | 91-95 |
| 8440 | 88 | 102-101 |
| 8441 | 89 | 103-95 |
| 8442 | 87 | 104-102 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8447 | 253 | 312 | 250 | 217 | 238 | 213 | |
| 46 | 282 | 337 | 270 | 233 | 248 | 223 | |
| 45 | 272 | 327 | 253 | 217 | 238 | 213 | C.O. |
| 44 | 262 | 300 | 242 | 198 | 220 | 195 | |
| 43 | 233 | 267 | 232 | 185 | 198 | 185 | |

8443-
Yuva 2175 [illegible] 8413

| | | |
|---|---|---|
| 8444 | 92 | [illegible] |
| 8445 | [illegible] | [illegible] |
| 8446 | 93 | [illegible] |
| 8447 | 94 | [illegible] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8452 | 125 | 213 | 200 | 182 | 198 | 192 | |
| 51 | 130 | 220 | 210 | 197 | 213 | 197 | |
| 50 | 130 | 218 | 205 | 185 | 205 | 198 | C.O. |
| 49 | 132 | 218 | 207 | 185 | 222 | 195 | |
| 48 | 123 | 223 | 207 | 195 | 220 | 198 | |

8448 — [illegible]

Jwa 2184 = [illegible] 8413

216 g. Basic

| | | |
|---|---|---|
| | 92 | [illegible] |
| 8449 | 96 | [illegible] |
| 8450 | 92 | [illegible] |
| 8451 | 91 | [illegible] |
| 8452 | 95 | [illegible] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8457 | 162 | 195 | 178 | 150 | 172 | 145 | |
| 56 | 143 | 150 | 125 | 81 | 81 | 97 | |
| 55 | 170 | 205 | 178 | 150 | 173 | 153 | C.C. |
| 54 | 172 | 205 | 167 | 167 | 182 | 162 | |
| 53 | 170 | 205 | 187 | 158 | 182 | 162 | |

8453

fwa 2186 – Leuconostoc mes. 8413

24 yr Culture

8454 94 102–104

8455 94 [illegible]

8456 94 [illegible]

8457 94 102–101

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8462 | 143 | 175 | 175 | 133 | 165 | 143 | |
| 61 | 165 | 192 | 192 | 158 | 147 | 162 | |
| 60 | 137 | 157 | 152 | 132 | 100 | 130 | C.O. |
| 59 | 87 | 115 | 100 | 70 | 113 | 97 | |
| 58 | 153 | 183 | 180 | 145 | 167 | 150 | |

8458

Jwa 2187 = Lwac le rame a > 8413
2 2 g. Sable

| | | |
|---|---|---|
| 8459 | 92 | 101–105 |
| | 92 | 101–105 |
| 8460 | 94 | 101–101 |
| 8461 | 93 | 101–98 |
| 8462 | 91 | 107–106 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8467 | 135 | 231 | 267 | 200 | 233 | 228 | |
| 66 | 118 | 216 | 247 | 198 | 222 | 215 | |
| 65 | 125 | 215 | 247 | 192 | 223 | 213 | C.O. |
| 64 | 120 | 220 | 238 | 200 | 230 | 218 | |
| 63 | 117 | 222 | 238 | 203 | 225 | 210 | |

8463
Jiva 2185 Used same as 8413
2.17 g. coin

8464 [illegible] 111 100-100
113 101-102

8465 [illegible] 88 95-100

8466 112 101-105

8467 92 101-103

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8472 | 203 | 235 | 267 | 229 | 247 | 243 | |
| 71 | 210 | 230 | 267 | 263 | 268 | 260 | |
| 70 | 190 | 247 | 272 | 233 | 247 | 337 | C.C. |
| 69 | 188 | 227 | 247 | 242 | 238 | 237 | |
| 68 | 205 | 260 | 278 | 287 | 280 | 275 | |

8468
Incu 2180 – Use source no 8413
2.5 g

8469 [illegible] 54 [illegible]

8470 [illegible] [illegible]

8471 [illegible] [illegible]

8472 [illegible] [illegible]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8477 | 85 | 162 | 216 | 158 | 190 | 180 | |
| 76 | 67 | 133 | 188 | 153 | 165 | 158 | C.O. |
| 75 | 77 | 161 | 221 | 167 | 197 | 187 | |
| 74 | 50 | 97 | 147 | 107 | 130 | 113 | |

8473

grwa 2177 [illegible] 8413

8474 [illegible]

8475 [illegible]

8476 [illegible]

8477 [illegible]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8482 | 142 | 203 | 223 | 166 | 213 | 207 | |
| 81 | 142 | 200 | 220 | 165 | 215 | 197 | C.C. |
| 80 | 127 | 183 | 217 | 153 | 197 | 203 | |
| 79 | 125 | 187 | 217 | 160 | 197 | 189 | |
| 78 | 128 | 192 | 224 | 167 | 206 | 195 | |

8478

Iowa 2181 — [illegible]

8413

2.7 g [illegible]

[illegible] — 42

8479 42 [illegible]

8480 41 [illegible]

8481 43 [illegible]

8482 44 [illegible]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8487 | 242 | 265 | 288 | 262 | 273 | 267 | |
| 86 | 243 | 277 | 299 | 277 | 283 | 267 | C.O. |
| 85 | 263 | 262 | 285 | 262 | 265 | 252 | |
| 84 | 258 | 297 | 313 | 298 | 307 | 277 | |
| 83 | 270 | 297 | 310 | 291 | 295 | 273 | |

8483 —
Iwa 2179 Used same as 8413 —
2.8 grams 50%

| | | |
|---|---|---|
| 8484 | 57 | 101–104 |
| | 57 | 101–98 |
| 5485 — | | |
| 5486 | 57 | 100–102 |
| 5487 | 57 | 100–102 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8492 | 177 | 225 | 243 | 175 | 217 | 197 | |
| 91 | 177 | 220 | 245 | 177 | 215 | 200 | C.O |
| 90 | 195 | 238 | 263 | 187 | 230 | 210 | |
| 89 | 175 | 211 | 236 | 167 | 206 | 197 | |
| 88 | 167 | 210 | 243 | 177 | 212 | 203 | |

8488
fwa 2178 Lacewamus 8413

| | | |
|---|---|---|
| 8489 | 91 | 102-104 |
| | 93 | 103-105 |
| 8490 | 93 | 104-105 |
| 8491 | 92 | 104-104 |
| 8492 | 95 | 104-104 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8497 | 258 | 323 | 355 | 295 | 333 | 313 | |
| 96 | 262 | 328 | 358 | 295 | 343 | 323 | C.C. |
| 95 | 267 | 300 | 333 | 267 | 300 | 287 | |
| 94 | 268 | 321 | 358 | 293 | 330 | 307 | |
| 93 | 248 | 317 | 347 | 273 | 327 | 283 | |

8493-
Plot 2176 - Lee Ann A. 8413

| | | |
|---|---|---|
| 8494 | 89 | 72-97 |
| | 91 | 133-161 |
| 8495- | 89 | 76-98 |
| 8496 | 93 | 101-101 |
| 8497 | 90 | 103-103 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8502 | 292 | 333 | 352 | 313 | 325 | 300 | |
| 01 | 295 | 347 | 372 | 315 | 337 | 315 | |
| 00 | 298 | 343 | 375 | 323 | 332 | 312 | C.C |
| 8499 | 302 | 339 | 365 | 331 | 345 | 322 | |
| 98 | 282 | 320 | 345 | 305 | 320 | 310 | |

8498

Gwa 2183 – Clear Creek mm 8413

2.7 gr

| | | |
|---|---|---|
| 8499 | 93 | 99–104 |
| 8500 | 94 | [illegible] |
| 8501 | 91 | 100–95 |
| 8502 | 92– | 97–95 |

Gwa 8498 mm 8502 117–9

| | | |
|---|---|---|
| 8501 | 117 | 103 |
| 8500 | 117 | 95 |
| 8499 | 120 | 105 |
| 8498 | 117 | 102 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8507 | 100 | 145 | 157 | 120 | 133 | 128 | |
| 06 | 123 | 150 | 100 | 122 | 140 | 128 | |
| 05 | 128 | 155 | 172 | 127 | 113 | 138 | C.C |
| 04 | 103 | 150 | 155 | 97 | 160 | 117 | |
| 03 | 132 | 158 | 178 | 125 | 150 | 140 | |

8503 =
Jwa 2189 = [illegible] 8413

8504

8505

8506 -

8507

| | | | | | Remarks | | | |
|---|---|---|---|---|---|---|---|---|
| 8508 | 0 | 7 | 3 | 4 | 33 | 27 | 20 | 26 |
| 09 | 0 | 7 | 4 | 4 | 33 | 26 | 20 | 20 |
| 08 | 0 | 7 | 4 | 7 | 33 | 25 | 25 | 30 |

| | | | |
|---|---|---|---|
| 8510 | 25 | 26 | |
| 09 | 22 | 23 | |
| 08 | 22 | 27 | |

C.O.

8508 Green Hydroxide no graphite
3 grammes — gum 825 Acetate
30% Bismuth —

Makes as many cells as the stiff with gum
Chg @ 15 h 200 cl, 100 zl

8509 [illegible] [illegible]

8510 76 [illegible]

8511

8512

8513 | 100 | 113 | 153 | 170 | 137 | 125 ||
15 hrs. @ 72°C
8513 | 147 | 143 | 133 || Repeat again | 161 | 148 |

8513 | 147 | 148 | 149 | 146 |

C.D.

8513 Gwa 816 Green Hydroxide
Containing 3% Bismuth.
Make 1 cake cup or CaCC —
I think there is enough to
make 11 cm Cake.
Chg 15th 200 Gms 1:0

| | | | | |
|---|---|---|---|---|
| 8514 | 3 | 7 | 0 | 0 |
| 13 | 3 | 7 | 4 | 0 |
| 12 | 3 | 7 | 4 | 0 |
| 11 | 3 | 7 | 0 | 0 |
| 10 | 3 | 7 | 3 | 2 |

C.O.

8514 = 1/2 gram Gross hydroxide mixed with sufficient Magnesium powder to make pockets Calibrate 85 to 95 / 100 cm deflection with 1/4 gr calc. ... 125#
Clay 15 hrs dur 100 21%

8515 85 ...
86 ...

8516 84 ...

8517 88 ...

8518 90 ...

Use the Regular Magnesium powder ... of 8 ...

| | | | | |
|---|---|---|---|---|
| 8512 | 3 | 7 | 3 | 7 |
| 13 | 3 | 3 | 3 | 7 |
| 14 | 3 | 7 | 3 | 0 |
| 15 | 3 | 3 | 3 | 6 |
| 19 | 3 | 3 | 3 | 6 |

C.D.

8519 – One gram green hydroxide – 1 hrs 20 mesh well mixed with Enough Manganese powder to Make Cup Cathode giving 85 to 95 ohms in Center – Use Reg Manganese powder out of 6/9 bottle

Chg 15 Thickness 21"/6
1.13 after ...

| | | |
|---|---|---|
| 8520 | 91 | 104–102 |
| | 92 | [illegible]–105 |
| 8521 | 90 | 102–102 |
| 8522 | 88 | [illegible]–100 |
| 8523 | 91 | 103–103 |

| | | | | |
|---|---|---|---|---|
| 8578 | 5 | 5 | 6 | 5 |
| 27 | 5 | 5 | 3 | 7 |
| 26 | 5 | 5 | 11 | 15 |
| 25 | 0 | 12 | 15 | 22 |
| 24 | 5 | 6 | 15 | 11 |

C.O.

Note. Plates over on 7 ds.

8524 2 grammes of Cresol Hydroxide (1:2 0 20 mcm) mixed with 1 gram sulphonamide Bismuth Monoxide — Org 157 200 [illegible] 21%

| | | |
|---|---|---|
| 8525 | 78 | 86 – 88 |
| | 85 | 95 – 90 |
| 8526 | 85 | 89 – 89 |
| 8527 | 79 | 93 – 86 |
| 8528 | 82 | 90 – 86 |

8529 | 231 | 223 | 231 | 243 | 240 | 231 | 227 |

8529 | 237 | 295 | 242 | 262 | C.O.

8529 = Block Michael, hydrate from Carbonate to [illegible] Work all of it true make one call Chg 15 ft 200 lbs 100 [illegible]

77 25-35

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
|---|---|---|---|---|---|---|---|---|
| 8534 | 703 | 573 | 733 | 608 | 667 | 633 | 723 | |
| 33 | 763 | 533 | 667 | 500 | 575 | 597 | 700 | |
| 32 | 843 | 570 | 703 | 583 | 717 | 683 | 733 | |
| 31 | 800 | 597 | 597 | 567 | 658 | 583 | 720 | |
| 30 | 600 | 570 | 617 | 417 | 467 | 483 | 613 | |

5 | 3909
782

| | 9 | 10 | 11 | 12 | 13 | 14 | 15 | |
|---|---|---|---|---|---|---|---|---|
| 8534 | 653 | 733 | 723 | 722 | 723 | 407 | 587 | |
| 33 | 630 | 707 | 690 | 703 | 713 | 427 | 533 | |
| 32 | 653 | 733 | 733 | 727 | 733 | 507 | 627 | |
| 31 | 650 | 733 | 733 | 717 | 720 | 507 | 710 | |
| 30 | 630 | 707 | 687 | 653 | 657 | 430 | 553 | |

| | 17 | 18 | 19 | 20 | 21 | 22 | 24 | 25 | |
|---|---|---|---|---|---|---|---|---|---|
| 8534 | 693 | 590 | 713 | 617 | 733 | 723 | 690 | 707 | 687 |
| 33 | 623 | 600 | 647 | 497 | 640 | 667 | 640 | 667 | 623 |
| 32 | 660 | 667 | 700 | 593 | 700 | 713 | 663 | 700 | 667 |
| 31 | 700 | 683 | 713 | 627 | 733 | 733 | 690 | 644 | 700 |
| 30 | 593 | 560 | 620 | 494 | 640 | 643 | 600 | 607 | 573 |

| | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | |
|---|---|---|---|---|---|---|---|---|---|---|
| 8534 | 650 | 643 | 720 | 719 | 593 | 681 | 643 | 577 | 600 | |
| 33 | 600 | 630 | 667 | 667 | 554 | 667 | 573 | 440 | 533 | |
| 32 | 650 | 667 | 720 | 717 | 593 | 693 | 640 | 533 | 583 | |
| 31 | 653 | 710 | 733 | 720 | 627 | 730 | 667 | 537 | 643 | |
| 30 | 573 | 600 | 600 | 627 | 600 | 517 | 600 | 533 | 338 | 477 |

5 | 2416
483

8530 = Fe — 21% KUN

Make group of 5 - Fe's 4 gum flavin of sample taken from 15 cc gum. make up avg. with 2 - 5.5 gm disc 1 of gum. 24 hr at 200 mic. second run avg.

| | | |
|---|---|---|
| 8531 | 81 | 93-91 |
| | 86 | 96-96 |
| 8532 | | 89-92 |
| 8533 | | 93-91 |
| 8534 | 85 | 93-88 |

| | 37 | 38 | 39 | 40 | 41 | 42 |
|---|---|---|---|---|---|---|
| | 195 | 265 | 333 | 333 | 333 | 263 |
| | 145 | 213 | 267 | 333 | 333 | 247 |
| | 107 | 53 | 149 | 143 | 127 | |
| | 345 | 237 | 400 | 451 | 390 | |
| | 226 | 100 | 232 | 227 | 190 | |

5 | 1217
243

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
|---|---|---|---|---|---|---|---|---|
| 8536 | 633 | 667 | 580 | 500 | 558 | 558 | 613 | 773 |
| 8537 | 733 | 690 | 653 | 500 | 575 | 658 | 667 | 773 |
| 36 | 620 | 573 | 620 | 450 | 467 | 492 | 600 | 773 |
| 35 | 867 | 633 | 713 | 542 | 608 | 650 | 737 | 710 |

| | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|---|
| 8538 | 633 | 703 | 667 | 690 | 733 | 533 | 583 | 583 |
| 37 | 637 | 717 | 767 | 760 | 800 | 437 | 557 | 570 |
| 36 | 600 | 680 | 693 | 717 | 723 | 413 | 560 | 560 |
| 35 | 650 | 800 | 800 | 800 | 800 | 516 | 823 | 700 |

| | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|---|---|---|---|---|---|---|---|---|---|
| 8538 | 607 | 577 | 600 | 553 | 633 | 627 | 560 | 600 | 600 |
| 37 | 577 | 580 | 580 | 513 | 600 | 627 | 567 | 600 | 593 |
| 36 | 543 | 533 | 533 | 493 | 540 | 547 | 500 | 573 | 533 |
| 35 | 690 | 657 | 683 | 600 | 607 | 687 | 637 | 667 | 667 |

| | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 8538 | 600 | 571 | 533 | 567 | 577 | 517 | 590 | 533 | 533 | 477 | |
| 37 | 619 | 607 | 560 | 626 | 640 | 560 | 613 | 573 | 573 | 547 | |
| 36 | 573 | 513 | 543 | 543 | 547 | 518 | 533 | 573 | 433 | 467 | |
| 35 | 703 | 693 | 733 | 750 | 730 | 633 | 733 | 703 | 653 | 640 | |

| | 38 | 39 | 40 | 41 | 42 |
|---|---|---|---|---|---|
| 8538 | 260 | 333 | 348 | 333 | 275 |
| 37 | 267 | 327 | 333 | 333 | 287 |
| 36 | 230 | 250 | 293 | 333 | 232 |
| 35 | 383 | 467 | 533 | 478 | 445 |

@ 500

Dup from [illegible]

#8535. $F_n$ — 21% KOH.
Make group 5 cells of following mix. 24.5 gm sample $F_n$ (Bargeton)
4.5 " Dehn ($HgO$ yellow from $Hg(NO_3)_2$)
Mix dry by rolling
Make 4 gm cake/cell reg $F_n$ —
& assemble with 2 — 3.5 gm lit. cls 1 at a time 24 hrs at 4 mo.
4 gram cakes

#8536 Red [illegible] 40 [illegible]

#8537 81 [illegible]

#8538 86 [illegible]

#8539.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8544 | | | | | | | | | |
| 43 | 10 | 10 | 23 | 0 | 0 | 17 | 60 | 77 | |
| 42 | 10 | 13 | 27 | 0 | 10 | 17 | 33 | 83 | |
| 41 | 7 | 10 | 26 | 8 | 8 | 17 | 50 | 41 | |
| 40 | 7 | 10 | 26 | 0 | 0 | 0 | 40 | 43 | |

# 8540. Fe — 21% KCN.

Make mixture of
25.5 gm. cast from powder.
41.5 " Dorfen —
Heat - 4 g mm crucible - Remove 2-3 min
in 24 hour at 400 1st mm
Pulverize mass 4 g of Fe —

8541

8542

8543

8544

| | | | | | | @500 | |
|---|---|---|---|---|---|---|---|
| 8547 | 508 | 515 | 557 | 529 | 533 | 408 | 417 |
| 46 | 515 | 520 | 535 | 530 | 533 | 467 | 475 |
| 45 | 510 | 518 | 543 | 542 | 547 | 458 | 483 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8547 | 515 | 524 | 532 | 525 | 521 | 525 | 52 |
| 46 | 533 | 586 | 533 | 527 | 522 | 533 | 52 |
| 45 | 537 | 542 | 542 | 526 | 522 | 534 | 52 |

8545. Li.

Jump of 3 Reg Li in clamps for endurance.
3.2 gun # Reg Li mix.
Run with 2 Reg Fe's 21% KOH
screw of the clamp just enough to avoid
guide rm.
Get several rounds reg velocity
and fast on endurance.

| | | |
|---|---|---|
| 8546. | 91 | 101–105 |
| | 89 | 100–101 |

8547. 90 101–100

@ 500

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8550 | 467 | 633 | 737 | 706 | 736 | 308 | 333 |
| 49 | 477 | 587 | 673 | 647 | 675 | 267 | 292 |
| 48 | 497 | 612 | 700 | 667 | 708 | 292 | 300 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8550 | 727 | 722 | 736 | 728 | 706 | 737 | 730 |
| 49 | 658 | 653 | 655 | 667 | 643 | 669 | 664 |
| 48 | 687 | 689 | 692 | 707 | 674 | 697 | 704 |

25-48. Li.

Proof of 3 Reg Li in charge for ordinance
3.2 gehn Reg Li Lois
Run with two Reg Fi 33% KOH.
Put in charge 1 set midnight pressure
Record the pressure after 1 set run —
Run several runs 1 set on ordinance —

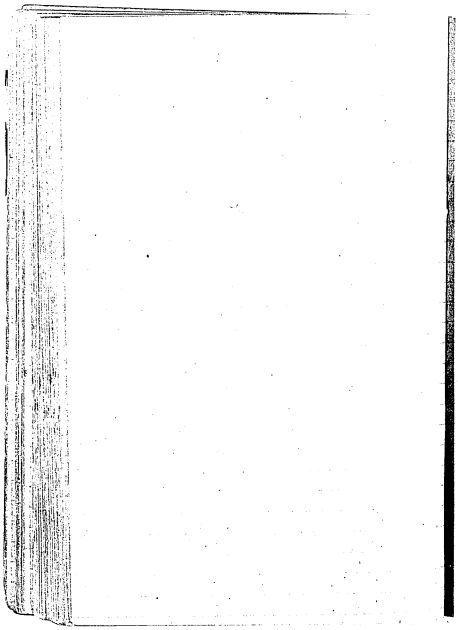
| | | | |
|---|---|---|---|
| 25-49 | 93 | 104-104 |
| | 94 | 103-103 |
| 25-50. | 90 | 101-99 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8555 | 290 | 490 | 557 | 450 | 500 | 483 | 693 | 000 | |
| 54 | 287 | 467 | 513 | 408 | 417 | 433 | 613 | 769 | |
| 53 | 260 | 450 | 467 | 367 | 400 | 408 | 600 | 733 | |
| 52 | 263 | 440 | 490 | 367 | 408 | 408 | 600 | 733 | |
| 51 | 267 | 430 | 467 | 333 | 350 | 333 | 550 | 669 | |

8555-51 Fe.

Proof of 8555 records were run on hydrochloric mix which was rolled in milled cotton bag passing through 8 mesh screen. 44 gun cotton - Run with 2-3.5 lbs charges reg. The mix has Hg, in it.

| | | |
|---|---|---|
| 8555 2 | 59<br>56 | 75 — 72<br>74 — 73 |
| 8555 3 | 59 | 72 — 72 |
| 8555 4 | 58 | 76 — 76 |
| 8555 5 | 57 | 72 — 71 |



dmr

3554. Titrate water sample from Warren Wells 1 neq. H.S ℔ c a - gainst 2 neq. soln ℔/lb 3.2 grams per Neut. Titrate against Quin neq. wt 33 o/o KOH.

3557

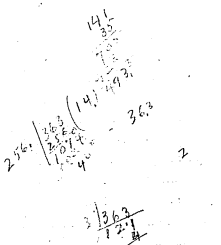
3558

3559

3560

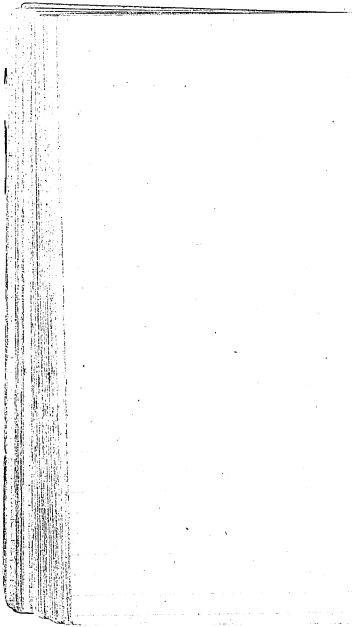
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8565 | 363 | 365 | 347 | 315 | 318 | 297 | - |
| 64 | 362 | 360 | 332 | 315 | 323 | 296 | - |
| 63 | 365 | 362 | 330 | 315 | 318 | 295 | - |
| 62 | S.C. | 397 | 339 | 327 | 332 | 295 | - |
| 61 | 367 | 364 | 346 | 337 | 333 | 308 | - |

C.O.



8561 = 5 ni no growth
made from 6 cyl. Cut Hypo'd
3 years ago — 21%
3 [illegible] —
Chg 15 h 200 [illegible] —

| | | | | |
|---|---|---|---|---|
| 8562 | 124 / 124 | 97 / 97 | 119 / 110 | 107-106 / 106-109 |
| 8563 | [illegible] | 96 | [illegible] | [illegible] |
| 8564 | 120 | 95 | 120 | 105-102 |
| 8565 | 124 | 102 | 120 | 114-108 |



§566 = S.L. 3496 C 32 R 1941
#102
§567 = S.L. 3497 51 [illegible]
§568 = S.L. 3500 64 [illegible]
#103
§569 = S.L. 3501 65 [illegible]
§570 = S.L. 3502 [illegible]
#116
§571 = S.L. 3503 [illegible]

8572 | 300 | 297 | 297 | 298 | | 25 | 152 | 3[illegible]

← Repeated = Lines.

8572 | 305 | 298 | 300 | 297 | 300 |

572 = Green [illegible]

[illegible]

Sealed [illegible]

[illegible] KOH [illegible]

[illegible] S.P. [illegible]

[illegible]

Gelly, 15 hrs [illegible]

Made by J.A.B.

[illegible]

11 after 11 = 99½ 100-100

[illegible]

[illegible]

[illegible]

[illegible]

| | | | | | | |
|---|---|---|---|---|---|---|
| 8575 | 2 | 7 | 168 | 260 | 253 | C.O. |
| 74 | 2 | 6 | 5 | 7 | 7 | |
| 73 | 2 | 9 | 0 | Pocket split. | | |
| 8577 | 0 | 63 | 105 | 108 | | |
| 76 | 2 | 95 | 137 | 131 | | |

8573

| | | |
|---|---|---|
| | 60 | 71-72 |
| 5574 | 53 | 72-67 |
| | 64 | 71-72 |
| 76 | 62 | 72-73 |
| 8577 | 37 | 67-67 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8578 | 293 | 300 | 286 | 283 | 270 | 267 | 280 | |
| 8578 | 300 | 313 | 319 | 333 | 375 | 367 | 350 | |
| 8578 | 372 | 383 | 390 | 412 | 412 | 393 | 400 | |
| 8578 | 402 | 398 | 392 | 379 | 373 | 392 | 380 | |
| 8578 | 368 | Tightened clamp | 427 | 417 | 429 | | | |
| 8578 | 444 | 440 | 431 | 420 | 408 | 408 | 401 | |
| 8578 | 408 | 400 | | | | | | |

8578 ≈ 4.5 grams $Ni(OH)_2$ through 20 mesh sieve + 1 gram of .00025 flake Ni + 600 mesh graphite powder in a 3.2 gram cake die 75 at. 50 at. S.P. Ex. 75 210/0 slig. 15 at. 200 at. 210/0 — made by S.M.E.

bulge before soaking 91 103-103
" after drying 86 97-100

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8581 | 343 | 380 | 336 | 326 | 333 | 342 | 342 |
| 80 | 375 | 362 | 372 | 363 | 377 | 397 | 401 |
| 79 | 375 | 367 | 364 | 352 | 356 | 366 | 376 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8581 | 347 | 347 | 358 | 378 | 392 | 330 | 335 |
| 80 | 347 | 396 | 405 | 425 | 433 | 414 | 405 |
| 79 | 365 | 367 | 374 | 392 | 401 | 383 | 37[illegible] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8581 | 330 | 333 | 333 | 324 | 322 | 320 | 320 |
| 80 | 406 | 410 | 410 | 394 | 408 | 403 | 411 |
| 79 | 373 | 372 | 360 | 367 | 373 | 372 | 3[illegible] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8581 | 318 | 322 | 327 | 325 | 324 | 328 | 3[illegible] |
| 80 | 408 | 427 | 413 | 413 | 427 | 417 | 4[illegible] |
| 79 | 372 | 382 | 362 | 380 | 392 | 400 | 4[illegible] |

| | |
|---|---|
| 8581 | 320 |
| 80 | 418 |
| 79 | 400 |

F.1

8579 = Mix of 9.5 g. Chelon Nylon, 1.5 g. [illegible] and .5 g. [illegible] with 2.0 g. Molasses. Finger roll, [illegible] 45 sec. on 5½ M [illegible] 50 sec. then dried [illegible] 210°

3.5 [illegible]

8580 = [illegible] 84 90-93

85 94-93

8581 = [illegible] 83 94-93

| | | | | |
|---|---|---|---|---|
| § 582 = S.L. 3904 | C | 62 | E | 86-87 |
| #79 | | | | |
| § 583 = S.L. 3905 | | 63 | | 86-88 |
| § 584 = S.L. 3906 | | 62 | | 83-83 |
| #100 | | | | |
| § 585 = S.L. 3907 | | 65 | | 81-80 |
| § 586 = S.L. 3908 | | 67 | | 86-83 |
| #115 | | | | |
| § 587 = S.L. 3909 | | 63 | | 84-82 |
| § 588 = S.L. 3910 | | 70 | | 91-90 |
| #128 | | | | |
| § 589 = S.L. 3911 | | 70 | | 91-92 |
| § 590 = S.L. 3912 | | 66 | | 86-84 |
| #80 | | | | |

| | | | |
|---|---|---|---|
| | #50 | C | E |
| E591 = | 3913 | C6 | E6-E4 |
| E592 = | 3914 | C7 | E1-E3 |
| | #106 | | |
| E593 = | 3915 | C7 | E5-E7 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8598 | 312 | 333 | 366 | 327 | 342 | 408 | 342 |
| 97 | 300 | 332 | 362 | 328 | 336 | 400 | 35 |
| 96 | 332 | 350 | 374 | 345 | 354 | 417 | 35 |
| 95 | 332 | 352 | 372 | 347 | 347 | 412 | 34 |
| 94 | 300 | 333 | 348 | 334 | 329 | 389 | 32 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8598 | 324 | 327 | 325 | 312 | 322 | 302 | 32 |
| 97 | 324 | 323 | 325 | 315 | 320 | 313 | 3 |
| 96 | 338 | 349 | 342 | 330 | 333 | 317 | 3 |
| 95 | 338 | 343 | 332 | 324 | 323 | 313 | 33 |
| 94 | 325 | 327 | 303 | 300 | 300 | 300 | 2 |

| | |
|---|---|
| 8598 | 297 |
| 97 | 298 |
| 96 | 303 |
| 95 | 295 |
| 94 | 265 |

C.O.

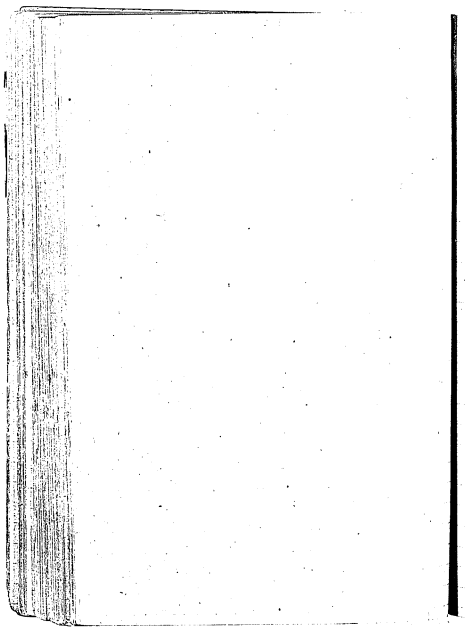
1594

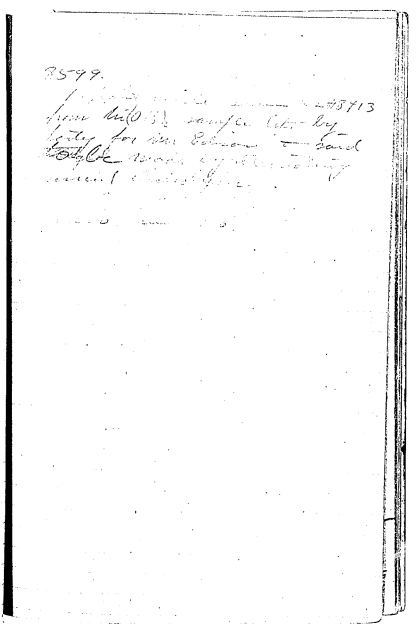
90 103–104

93 104–105

92 104–104

91 104–104





| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8604 | 418 | | | | | | |
| 03 | 457 | 443 | 415 | 422 | 412 | 432 | 42 |
| 02 | 441 | 445 | 412 | 420 | 410 | 432 | 42 |
| 01 | 460 | 457 | 413 | 422 | 412 | 432 | 42 |
| 00 | 442 | 458 | 425 | 430 | 420 | 445 | 43 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8603 | 397 | 414 | 400 | 413 | 400 | 405 | 3 |
| 02 | 399 | 413 | 403 | 417 | 400 | 383 | 3 |
| 01 | 398 | 400 | 408 | 425 | 413 | 388 | 4 |
| 00 | 411 | 428 | 417 | 428 | 422 | 415 | 4 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8603 | 389 | 380 | 398 | 392 | 391 | 389 | 39 | 38 |
| 02 | 342 | 329 | 342 | 333 | 333 | 337 | 33 | 33 |
| 01 | 395 | 387 | 405 | 398 | 397 | 397 | 39 | 39 |
| 00 | 400 | 397 | 417 | 409 | 408 | 408 | 40 | 40 |

| | | |
|---|---|---|
| 8603 | 377 | 380 |
| 02 | 367 | 367 |
| 01 | 384 | 389 |
| 00 | 394 | 396 |

8660 103/105-

Journal of [illegible] Issue #

[illegible] 2 [illegible]

| | | |
|---|---|---|
| | 91 | 102-100 |
| 101 | 93 | 101-106 |
| 02 | 91 | 101-100 |
| 03 | 91 | 103-99 |
| 04 | 93 | 103-105 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8609 | 427 | 400 | 388 | 390 | 383 | 414 | 417 |
| 08 | 430 | 410 | 392 | 393 | 392 | 415 | 418 |
| 07 | 433 | 410 | 388 | 392 | 388 | 413 | 417 |
| 06 | 435 | 410 | 390 | 393 | 390 | 413 | 415 |
| 05 | 432 | 412 | 390 | 390 | 388 | 413 | 417 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8609 | 388 | 411 | 393 | 412 | 412 | 413 | 4 |
| 08 | 390 | 412 | 397 | 410 | 413 | 425 | 4 |
| 07 | 387 | 400 | 395 | 400 | 400 | 415 | 4 |
| 06 | 387 | 398 | 393 | 413 | 398 | 425 | 4 |
| 05 | 390 | 402 | 400 | 400 | 400 | 405 | 4 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8609 | 415 | 400 | 420 | 411 | 419 | 417 | 42 |
| 08 | 410 | 400 | 420 | 411 | 417 | 415 | 41 |
| 07 | 411 | 397 | 418 | 410 | 411 | 409 | 41 |
| 06 | 417 | 407 | 426 | 420 | 422 | 423 | 42 |
| 05 | 333 | 320 | 308 | 267 | 267 | 333 | 17 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8609 | 407 | 410 | 406 | 405 | 407 | 409 | 40 |
| 08 | 400 | 408 | 400 | 405 | 395 | 395 | 38 |
| 07 | 399 | 400 | 400 | 403 | 400 | 408 | 40 |
| 06 | 415 | 419 | 420 | 422 | 417 | 424 | 42 |
| 05 | 100 | 77 | 67 | 14 | 11 | 10 | 3 |

*Pwr
in 8605

8605
Grad 8th Lg
Ea Pwr in 1% LOH

| | | | |
|---|---|---|---|
| | 90 | 102-99 | |
| 601 | 92 | 100-101 | |
| 607 | 93 | 102-104 | |
| 608 | 93 | 101-100 | |
| 609 | 93 | 101-106 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8609 | 404 | 395 | 390 | 389 | 392 | 367 | 395 | 406 | |
| 08 | 386 | 385 | 358 | 358 | 355 | 345 | 343 | 362 | |
| 07 | 404 | 407 | 390 | 390 | 392 | 365 | 392 | 404 | |
| 06 | 425 | 427 | 408 | 408 | 408 | 390 | 406 | 417 | Adv Pwr |
| 05 | 408 | 445 | 439 | 447 | 450 | 420 | 462 | 478 | OR Pwr |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8614 | 432 | 400 | 393 | 395 | 395 | 423 | 420 | |
| 13 | 420 | 408 | 387 | 390 | 387 | 417 | 417 | |
| 12 | 422 | 408 | 395 | 400 | 400 | 440 | 432 | |
| 11 | 160 | 278 | 333 | 333 | 337 | 363 | 347 | |
| 10 | 260 | 333 | 345 | 338 | 337 | 363 | 347 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8614 | 407 | 400 | 412 | 425 | 427 | 433 | 432 | |
| 13 | 388 | 412 | 400 | 410 | 415 | 413 | 420 | |
| 12 | 407 | 428 | 423 | 438 | 433 | 433 | 433 | |
| 11 | 307 | 300 | 265 | 215 | 197 | 200 | 198 | |
| 10 | 313 | 317 | 292 | 290 | 300 | 255 | 318 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8614 | 419 | 397 | 415 | 406 | 408 | 403 | 409 | 393 |
| 13 | 414 | 390 | 404 | 397 | 397 | 379 | 381 | 388 |
| 12 | 426 | 407 | 430 | 421 | 426 | 433 | 425 | 412 |
| 11 | 74 | 33 | 33 | 17 | 17 | 17 | 14 | 17 |
| 10 | 100 | 54 | 33 | 33 | 40 | 50 | 53 | 116 |

| | | |
|---|---|---|
| 8614 | 397 | 400 |
| 13 | 407 | 420 |
| 12 | 406 | 411 |
| 11 | 16 | 17 |
| 10 | 100 | 97 |

10

11 92 100–103
92 95–102

12 91 101–102

13 93 100–101

14 91 101–101

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8619 | 428 | | | | | | | |
| 18 | 422 | 390 | 388 | 395 | 395 | 415 | 415 | |
| 17 | 428 | 392 | 387 | 393 | 392 | 413 | 417 | |
| 16 | 432 | 392 | 385 | 390 | 392 | 413 | 415 | |
| 15 | 431 | 390 | 387 | 390 | 392 | 412 | 417 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8618 | 403 | 413 | 415 | 423 | 420 | 440 | 42 | |
| 17 | 398 | 410 | 400 | 412 | 412 | 428 | 42 | |
| 16 | 397 | 412 | 410 | 410 | 418 | 417 | 42 | |
| 15 | 392 | 403 | 393 | 413 | 412 | 427 | 42 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8615 | 423 | 417 | 439 | 439 | 442 | 446 | 450 | 440 |
| 17 | 406 | 400 | 414 | 410 | 415 | 412 | 411 | 405 |
| 16 | 423 | 417 | 437 | 435 | 438 | 442 | 446 | 436 |
| 15 | 407 | 403 | 422 | 417 | 422 | 422 | 426 | 417 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8618 | 445 | 452 | 452 | 453 | 467 | 463 | 462 | 467 |
| 17 | 400 | 390 | 396 | 402 | 395 | 393 | 385 | 390 |
| 16 | 439 | 445 | 438 | 433 | 445 | 452 | 441 | 450 |
| 15 | 417 | 425 | 422 | 422 | 426 | 429 | 422 | 425 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8618 | 467 | 443 | 458 | 462 | 467 | 452 | 475 | 487 |
| 17 | 388 | 362 | 377 | 348 | 377 | 333 | 387 | 387 |
| 16 | 448 | 442 | 442 | 442 | 444 | 417 | 455 | 462 |
| 15 | 423 | 413 | 414 | 412 | 409 | 365 | 410 | 417 |

115

[illegible] of the [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] 20% [illegible]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| 469 | 467 | 473 | 463 | 475 | | | | |
| 388 | 381 | 381 | 380 | 393 | | | | |
| 427 | 437 | 450 | 453 | 428 | | | | |
| 408 | 408 | 408 | 382 | 410 | | | | |

| | | |
|---|---|---|
| | 94 | 102-117 |
| 116 | 91 | 102-99 |
| 7 | 90 | 100-105 |
| 8 | 92 | 103-104 |
| 113 | 92 | 102-104 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8624 | 447 | 437 | 428 | 427 | 439 | 433 | 438 |
| 23 | 448 | 435 | 430 | 434 | 444 | 442 | 440 |
| 22 | 440 | 428 | 422 | 427 | 432 | 428 | 429 |
| 21 | 447 | 430 | 425 | 435 | 437 | 437 | 437 |
| 20 | 460 | 437 | 437 | 448 | 455 | 457 | 450 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8624 | 440 | 441 | 448 | 452 | 451 | 452 | 453 |
| 23 | 447 | 447 | 457 | 463 | 462 | 462 | 467 |
| 22 | 432 | 437 | 442 | 446 | 447 | 444 | 447 |
| 21 | 447 | 447 | 452 | 462 | 459 | 460 | 463 |
| 20 | 460 | 462 | 469 | 480 | 477 | 478 | 482 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8624 | 450 | 452 | 446 | 436 | 458 | 457 | 457 |
| 23 | 460 | 458 | 461 | 448 | 473 | 471 | 472 |
| 22 | 440 | 445 | 442 | 432 | 455 | 452 | 453 |
| 21 | 463 | 456 | 457 | 446 | 469 | 465 | 467 |
| 20 | 485 | 492 | 472 | 470 | 487 | 484 | 487 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8624 | 462 | 463 | 452 | 457 | 458 | 459 | 463 |
| 23 | 474 | 477 | 463 | 467 | 471 | 473 | 482 |
| 22 | 456 | 472 | 471 | 477 | 479 | 481 | 480 |
| 21 | 472 | 473 | 461 | 464 | 468 | 469 | 480 |
| 20 | 489 | 491 | 490 | 484 | 485 | 483 | 487 |

120.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 93 | | | | 101-101 |
| 21 | | | | 91 | | | | 100-101 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | 91 | | | | 102-101 |
| 8624 | | | | 90 | | | | 98-101 |
| | | | | 93 | | | | 104-104 |
| 8 | 4 | 464 | 467 | 467 | 467 | 467 | 462 | 457 | 460 |
| | 3 | 476 | 474 | 482 | 480 | 480 | 471 | 464 | 472 |
| | 2 | 487 | 487 | 492 | 488 | 500 | 484 | 482 | 486 |
| | 1 | 476 | 471 | 477 | 476 | 467 | 466 | 464 | 469 |
| | 0 | 492 | 486 | 492 | 487 | 482 | 481 | 479 | 486 |
| 8 | 4 | 425 | 462 | 467 | 467 | 468 | 465 | 475 | balance |
| | 3 | 429 | 473 | 481 | 477 | 478 | 483 | 487 | of runs |
| | 2 | 445 | 489 | 495 | 494 | 494 | 497 | 498 | |
| | 1 | 432 | 474 | 480 | 472 | 477 | 490 | 483 | on sheets |
| | 0 | 450 | 491 | 499 | 492 | 491 | 492 | 493 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8629 | 413 | 397 | 18 | 50 | 62 | 80 | 90 | 77 |
| 28 | 417 | 397 | 20 | 20 | 45 | 53 | 63 | 85 |
| 27 | 417 | 405 | 18 | 43 | 50 | 66 | 78 | 70 |
| 26 | 410 | 405 | 18 | 45 | 52 | 66 | 74 | |
| 25 | 400 | 407 | 22 | 61 | 72 | 92 | 112 | 0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8629 | 110 | 107 | 100 | 97 | 108 | 98 | 97 | |
| 28 | 82 | 78 | 72 | 77 | 80 | 77 | 75 | |
| 27 | 100 | 107 | 97 | 100 | 109 | 112 | 103 | |
| 26 | 82 | 75 | 64 | 65 | 67 | 63 | 53 | |
| 25 | 133 | 128 | 125 | 122 | 133 | 133 | 134 | |

| | |
|---|---|
| 8629 | 107 |
| 28 | 83 |
| 27 | 149 |
| 26 | 65 |
| 25 | 134 |

C.O.

25

92 102-101

92 102-102

93 101-101

91 101-102

92 103-101

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8634 | 640 | 633 | 636 | 717 | 662 | 653 | 64[illegible] |
| 33 | 647 | 645 | 648 | 723 | 672 | 664 | 66[illegible] |
| 32 | 646 | 645 | 649 | 723 | 672 | 662 | 6[illegible] |
| 31 | 650 | 651 | 656 | 732 | 676 | 668 | 66[illegible] |
| 30 | 655 | 657 | 659 | 737 | 681 | 672 | 67[illegible] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8634 | 655 | 656 | 658 | 654 | 653 | 647 | 65[illegible] |
| 33 | 670 | 671 | 672 | 670 | 670 | 667 | 6[illegible] |
| 32 | 667 | 668 | 673 | 667 | 666 | 662 | 65[illegible] |
| 31 | 675 | 676 | 678 | 675 | 672 | 672 | 67[illegible] |
| 30 | 682 | 683 | 689 | 681 | 680 | 679 | 67[illegible] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8634 | 657 | 641 | 653 | 649 | 653 | 662 | 64[illegible] |
| 33 | 675 | 658 | 677 | 673 | 683 | 688 | 67[illegible] |
| 32 | 670 | 653 | 677 | 667 | 682 | 683 | 66[illegible] |
| 31 | 678 | 663 | 681 | 681 | 692 | 692 | 67[illegible] |
| 30 | 685 | 672 | 686 | 688 | 700 | 730 | 68[illegible] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8634 | 643 | 649 | 637 | 640 | 645 | 673 | 64[illegible] |
| 33 | 679 | 680 | 666 | 673 | 675 | 690 | 67[illegible] |
| 32 | 670 | 672 | 658 | 667 | 665 | 667 | 64[illegible] |
| 31 | 677 | 682 | 667 | 675 | 675 | 653 | 67[illegible] |
| 30 | 688 | 690 | 680 | 688 | 687 | 687 | 68[illegible] |

8630 – 2 cups in one grid
2 grammas Bioquem mix / in Circle
Cup – 4 gram mix, milk for both,
~~Reg~~ Stock [illegible] grams 1 to Comeq 150,
21% Cly 15 h 200 dia 150

| | | |
|---|---|---|
| | 112 | 111 – 116 |
| | 104 | 111 – 115 |
| 8631 | 107 | 113 – 115 |
| | 111 | 117 – 114 |
| 8632 | 103 | 107 – 106 |
| 8633 | 105 | 113 – 107 |
| | 104 | [illegible] – 113 |
| 8634 | 107 | 104 – 104 |
| | [illegible] | 115 – 114 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8634 | 643 | 649 | 637 | 640 | 645 | 673 | 64[illegible] | 67[illegible] | 64[illegible] | 641 | 627 | 621 | 642 | 629 | 623 | 623 |
| 33 | 679 | 680 | 666 | 673 | 675 | 690 | 67[illegible] | 65[illegible] | 67[illegible] | 672 | 650 | 644 | 667 | 654 | 647 | 650 |
| 32 | 670 | 672 | 658 | 667 | 665 | 667 | 64[illegible] | 64[illegible] | 66[illegible] | 665 | 647 | 644 | 667 | 651 | 646 | 648 |
| 31 | 677 | 682 | 667 | 675 | 675 | 653 | 67[illegible] | 65[illegible] | 67[illegible] | 677 | 678 | 653 | 649 | 672 | 656 | 648 | 653 |
| 30 | 688 | 690 | 680 | 688 | 687 | 687 | 68[illegible] | 66[illegible] | 68[illegible] | 687 | 690 | 668 | 651 | 653 | 664 | 660 | 664 |

Rune cont'd on following page.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8634 | 628 | 622 | 626 | 618 | 617 | 617 | 568 | 61 |
| 33 | 656 | 652 | 652 | 641 | 643 | 647 | 593 | 6 |
| 32 | 654 | 650 | 650 | 639 | 642 | 645 | 592 | 6 |
| 31 | 658 | 655 | 654 | 644 | 647 | 650 | 597 | 6 |
| 30 | 669 | 664 | 664 | 654 | 657 | 658 | 602 | 6 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8634 | 626 | 618 | 618 | 622 | 623 | 627 | 627 | 47 |
| 33 | 649 | 646 | 643 | 650 | 650 | 648 | 650 | |
| 32 | 647 | 644 | 643 | 652 | 650 | 648 | 648 | |
| 31 | 652 | 650 | 647 | 655 | 655 | 657 | 637 | |
| 30 | 664 | 662 | 659 | 663 | 667 | 670 | 665 | |

| | 101 |
|---|---|
| 8634 | 567 |
| 33 | 595 |
| 32 | 545 |
| 31 | 567 |
| 30 | 595 |

8635 = 2 Cups on one grid
2.5 grams Reg Mix in Each Cup
5 grams on all 16 Cups
$\frac{1}{2}$ tsp all grow 100 Corning 150 —
21 1/2 cups 15 h 200 slab 100

8636

8637

8638

8639

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8647 | 243 | 327 | 350 | 350 | 347 | 350 | 3[illegible] |
| 41 | 222 | 337 | 364 | 352 | 385 | 358 | 3[illegible] |
| 40 | 233 | 326 | 372 | 351 | 377 | 348 | 3[illegible] |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8642 | 343 | 342 | 333 | 332 | 338 | 336 | 3[illegible] |
| 41 | 353 | 354 | 347 | 341 | 360 | 333 | 3[illegible] |
| 40 | 357 | 354 | 347 | 342 | 360 | 337 | 3[illegible] |

| | |
|---|---|
| 8642 | 318 |
| 41 | 327 |
| 40 | 327 |

C.O.

8640 -

Massama NC 8642

Grand [illegible]

Chero[illegible] [illegible] [illegible] [

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| 8649 | 253 | 252 | 248 | 252 | 257 | 262 | 260 |
| 48 | 240 | 235 | 233 | 245 | 255 | 250 | 265 |
| 47 | 240 | 236 | 233 | 238 | 244 | 250 | 260 |
| 46 | 300 | 333 | 273 | 297 | 267 | | 251 |
| 45 | 245 | 243 | 243 | 251 | 256 | 260 | 261 |
| | | | 246 | | | | |

Average on 3rd run 246 = 140.5 per gram

| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| 8649 | 267 | 262 | 265 | 262 | 255 | 265 | 258 |
| 48 | 262 | 262 | 263 | 267 | 267 | 270 | 267 |
| 47 | 250 | 247 | 255 | 248 | 250 | 265 | 248 |
| 46 | 252 | 251 | 262 | 260 | 267 | 267 | 265 |
| 45 | 264 | 260 | 262 | 260 | 260 | 267 | 262 |

| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|
| 8649 | 267 | 263 | 263 | 267 | 256 | 257 | 259 |
| 48 | 383 | 282 | 280 | 288 | 271 | 280 | 273 |
| 47 | 267 | 257 | 257 | 258 | 252 | 250 | 252 |
| 46 | 277 | 280 | 278 | 283 | 273 | 278 | 276 |
| 45 | 267 | 273 | 267 | 273 | 263 | 266 | 263 |
| | 269.2 | | | | | | |

| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|
| 8649 | 256 | 266 | 257 | 257 | 257 | 254 | 257 |
| 48 | 280 | 288 | 277 | 280 | 276 | 271 | 275 |
| 47 | 256 | 263 | 250 | 253 | 250 | 248 | 249 |
| 46 | 277 | 288 | 277 | 265 | 272 | 270 | 277 |
| 45 | 237 | 267 | 265 | 265 | 262 | 260 | 262 |

| | 29 | 30 | 31 | 32 | 33 | | | |
|---|---|---|---|---|---|---|---|---|
| 8649 | 249 | 250 | 250 | 253 | 250 | 248 | 250 | 247 |
| 48 | 262 | 263 | 267 | 266 | 265 | 263 | 262 | 255 |
| 47 | 241 | 243 | 243 | 245 | 243 | 244 | 243 | 237 |
| 46 | 264 | 265 | 267 | 267 | 267 | 265 | 262 | 257 |
| 45 | 253 | 255 | 250 | 257 | 257 | 255 | 252 | 248 |
| | 253.8 | | | | | | | |

8645 — Group Basket —
Smooth pipe 100 Corrugate 150 —
1.75 grams per 100 cm in 24 hrs
Chg 15 k 200 dbl

| | | |
|---|---|---|
| | 52 | 62-74 |
| St-46 Coupon | 74 | 77-77 |
| 8647 | 72 | 74-74 |
| 8648 | 70 | 72-73 |
| 8649 | 73 | 74-75 |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| 8654 | 233 | 300 | 300 | 300 | 307 | 313 | 326 |
| 53 | 311 | 308 | 309 | 308 | 322 | 327 | 341 |
| 52 | 303 | 297 | 307 | 313 | 308 | 313 | 321 |
| 51 | 310 | 312 | 312 | 314 | 315 | 318 | 315 |
| 50 | 303 | 298 | 300 | 300 | 300 | 307 | 309 |
| | | | 304.6 | | | | |

Qu. 3rd num 304.6 = 152.3 per q. of n...

| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| 8654 | 323 | 322 | 332 | 333 | 332 | 342 | 346 |
| 53 | 340 | 341 | 350 | 355 | 355 | 362 | 367 |
| 52 | 317 | 317 | 323 | 320 | 327 | 328 | 323 |
| 51 | 320 | 317 | 327 | 323 | 327 | 328 | 312 |
| 50 | 308 | 303 | 311 | 308 | 315 | 313 | 300 |

| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|
| 8654 | 340 | 338 | 341 | 345 | 331 | 337 | 333 |
| 53 | 378 | 367 | 371 | 377 | 363 | 374 | 368 |
| 52 | 328 | 308 | 325 | 329 | 321 | 324 | 312 |
| 51 | 327 | 323 | 322 | 327 | 317 | 318 | 310 |
| 50 | 308 | 311 | 310 | 318 | 311 | 310 | 315 |
| | 330.5 | | | | | | |

| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|
| 8654 | 333 | 345 | 340 | 330 | 331 | 330 | 330 |
| 53 | 374 | 383 | 367 | 367 | 367 | 367 | 368 |
| 52 | 321 | 332 | 323 | 322 | 323 | 320 | 320 |
| 51 | 324 | 330 | 322 | 318 | 317 | 317 | 316 |
| 50 | 315 | 318 | 315 | 307 | 306 | 304 | 306 |

8650 Dist. of 8654 but 2 years ago

8651 Jan 1st 77 81 — 77
69 75 — 78

8652 73 79 — 79

8653 65 80 — 79

8654 81 83 — 82

| | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
|---|---|---|---|---|---|---|---|---|---|
| | 332 | 325 | 327 | 327 | 327 | 325 | 326 | 332 | 320 |
| | 372 | 362 | 367 | 367 | 367 | 367 | 367 | 359 | 360 |
| | 322 | 313 | 317 | 323 | 317 | 317 | 318 | 318 | 315 |
| | 317 | 317 | 244 | 5.6. | 307 | 307 | 310 | 310 | 307 |
| | 300 | 297 | 298 | 300 | 300 | 298 | 300 | 298 | 295 |
| | | 322.8 | | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| 8659 | 357 | 357 | 357 | 355 | 367 | 372 | |
| 58 | 357 | 357 | 362 | 356 | 377 | 377 | 39 |
| 57 | 351 | 358 | 358 | 357 | 383 | 372 | 38 |
| 56 | 357 | 361 | 362 | 372 | 372 | 372 | 38 |
| 55 | 365 | 363 | 366 | 358 | 367 | 375 | 39 |
| | | | 361 | | | | |

Qu. 3rd runs 361 = 160.4 per sq. of mi.

| | 9 | 9 | 10 | 11 | 12 | 13 | |
|---|---|---|---|---|---|---|---|
| 8659 | 385 | 396 | 397 | 394 | 397 | 400 | 40 |
| 58 | 390 | 392 | 399 | 399 | 405 | 412 | 41 |
| 57 | 365 | 389 | 395 | 395 | 397 | 407 | 40 |
| 56 | 390 | 390 | 399 | 372 | 407 | 412 | 41 |
| 55 | 375 | 372 | 383 | 385 | 38 | 388 | 39 |

| | 15 | 16 | 17 | 18 | 19 | 20 | |
|---|---|---|---|---|---|---|---|
| 8659 | 410 | 400 | 400 | 412 | 398 | 405 | |
| 58 | 418 | 412 | 413 | 425 | 410 | 417 | |
| 57 | 412 | 406 | 407 | 418 | 396 | 403 | |
| 56 | 422 | 416 | 417 | 431 | 412 | 422 | |
| 55 | 383 | 377 | 374 | 388 | 373 | 377 | |
| | 409 | | | | | | |

| | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8659 | 400 | 409 | 400 | 400 | 396 | 400 | 396 | 400 | 395 | 397 | 395 | 397 | 396 | 397 | 396 | 395 |
| 58 | 417 | 420 | 415 | 412 | 408 | 410 | 407 | 412 | 407 | 408 | 406 | 407 | 405 | 407 | 402 | 402 |
| 57 | 400 | 405 | 397 | 393 | 388 | 390 | 388 | 390 | 385 | 388 | 385 | 387 | 383 | 384 | 383 | 382 |
| 56 | 425 | 50 | 417 | 419 | 417 | 418 | 416 | 421 | 417 | 420 | 417 | 421 | 419 | 420 | 417 | 417 |
| 55 | 377 | 385 | 333 | 375 | 367 | 372 | 368 | 370 | 364 | 367 | 367 | 368 | 367 | 367 | 367 | 365 |
| | | | | | | | | | 373.6 | | | | | | | |

8653 10 up of 8645
Except 2.25 Gram Req mix

| | | |
|---|---|---|
| 8656 | 82 | 85 - 83 |
| | 78 | 81 - 81 |
| 8657 | 78 | 81 - 80 |
| 8658 | 77 | 79 - 82 |
| 8659 | 78 | 82 - 82 |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| 8664 | 400 | 407 | 408 | 415 | 415 | 423 | 426 |
| 63 | 406 | 410 | 414 | 422 | 425 | 433 | 432 |
| 62 | 388 | 395 | 393 | 400 | 408 | 415 | 422 |
| 61 | 395 | 398 | 400 | 387 | 407 | 407 | 415 |
| 60 | 393 | 387 | 401 | 387 | 390 | 407 | 416 |

403.2

Ans. 3rd row 403.2 = 161.3 pm q. of mine.

| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| 8664 | 431 | 432 | 440 | 440 | 447 | 452 | 441 |
| 63 | 438 | 442 | 449 | 453 | 460 | 463 | 460 |
| 62 | 427 | 433 | 447 | 445 | 457 | 462 | 452 |
| 61 | 417 | 417 | 423 | 420 | 428 | 432 | 422 |
| 60 | 411 | 409 | 413 | 410 | 412 | 430 | 417 |

| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|
| 8664 | 452 | 410 | 442 | 457 | 437 | 444 | 436 |
| 63 | 465 | 458 | 460 | 472 | 456 | 464 | 455 |
| 62 | 465 | 455 | 457 | 471 | 460 | 463 | 453 |
| 61 | 442 | 425 | 427 | 437 | 422 | 428 | 413 |
| 60 | 415 | 404 | 403 | 413 | 392 | 392 | 392 |

418.8

| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|
| 8664 | 444 | 453 | 442 | 439 | 440 | 438 | 428 |
| 63 | 464 | 474 | 462 | 459 | 459 | 457 | 457 |
| 62 | 458 | 468 | 451 | 451 | 452 | 451 | 450 |
| 61 | 426 | 434 | 424 | 421 | 420 | 419 | 419 |
| 60 | 390 | 395 | 385 | 387 | 383 | 379 | 376 |

| | 29 | 30 | 31 | 32 | 33 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8664 | 444 | 437 | 437 | 437 | 433 | 437 | 437 | 433 | 433 |
| 63 | 464 | 457 | 457 | 456 | 453 | 455 | 457 | 451 | 457 |
| 62 | 459 | 452 | 450 | 447 | 452 | 446 | 448 | 437 | 441 |
| 61 | 423 | 417 | 417 | 417 | 419 | 416 | 416 | 414 | 417 |
| 60 | 377 | 377 | 374 | 375 | 385 | 373 | 374 | 377 | 368 |

426

8660 Dup of 8664 Except 2.5 gram Reg mix

| | | |
|---|---|---|
| 8661 | 85<br>84 | 86 – 85<br>86 – 87 |
| 8662 | 81 | 85 – 85 |
| 8663 | 85 | 86 – 84 |
| 8664 | 85 | 85 – 85 |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| 8669 | 465 | 453 | 458 | 463 | 465 | 467 | 472 |
| 68 | 453 | 464 | 468 | 477 | 484 | 487 | 491 |
| 67 | 451 | 460 | 458 | 463 | 466 | 465 | 477 |
| 66 | 452 | 460 | 459 | 460 | 462 | 467 | 465 |
| 65 | 448 | 448 | 453 | 453 | 455 | 465 | 456 |
| | | | 459.2 | | | | |

On 3rd min 459.2 = 166.8 per sq. of min.

| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| 8669 | 477 | 470 | 481 | 481 | 492 | 490 | 483 |
| 68 | 495 | 497 | 515 | 513 | 527 | 523 | 521 |
| 67 | 477 | 470 | 477 | 480 | 483 | 490 | 477 |
| 66 | 466 | 465 | 470 | 467 | 477 | 463 | 471 |
| 65 | 459 | 460 | 465 | 460 | 467 | 465 | 458 |

| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|
| 8669 | 495 | 478 | 480 | 490 | 477 | 482 | 475 |
| 68 | 528 | 515 | 517 | 530 | 514 | 521 | 511 |
| 67 | 493 | 477 | 477 | 487 | 474 | 477 | 473 |
| 66 | 495 | 462 | 462 | 467 | 455 | 457 | 458 |
| 65 | 497 | 460 | 461 | 469 | 457 | 458 | 453 |
| | 500.6 | | | | | | |

| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|
| 8669 | 482 | 491 | 481 | 475 | 476 | 475 | 474 |
| 68 | 519 | 529 | 517 | 508 | 515 | 515 | 509 |
| 67 | 477 | 487 | 475 | 467 | 471 | 468 | 467 |
| 66 | 459 | 468 | 455 | 450 | 451 | 449 | 453 |
| 65 | 458 | 469 | 456 | 450 | 451 | 449 | 450 |

8665 Dup of 8645
Except 2.7% grain Reg 41K

| | | |
|---|---|---|
| 8666 | 7.1<br>8.6 | 94 – 92<br>89 – 90 |
| 8667 | 8.1 | 92 – 94 |
| 8668 | 8.6 | 90 – 89 |
| 8669 | 9.0 | 93 – 100 |

| | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
|---|---|---|---|---|---|---|---|---|
| 8669 | 476 | 471 | 471 | 472 | 474 | 472 | 474 | 470 |
| 68 | 505 | 509 | 511 | 515 | 513 | 515 | 514 | 505 |
| 67 | 467 | 467 | 468 | 471 | 469 | 471 | 469 | 467 |
| 66 | 454 | 445 | 449 | 452 | 444 | 444 | 448 | 447 |
| 65 | 444 | 443 | 444 | 444 | 444 | 447 | 444 | 444 |
| | | 448.6 | | | | | | |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| 8674 | 490 | 505 | 505 | 596 | 506 | 512 | 504 |
| 73 | 491 | 493 | 494 | 505 | 505 | 517 | 524 |
| 72 | 493 | 508 | 506 | 509 | 510 | 517 | 517 |
| 71 | 491 | 509 | 507 | 508 | 510 | 512 | 512 |
| 70 | 492 | 497 | 500 | 507 | 500 | 507 | 500 |
| | | | 502.4 | | | | |

Qu. 3rd num 502.4 = 167.4 per q. of min

| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| 8674 | 509 | 507 | 510 | 507 | 518 | 523 | 500 |
| 73 | 532 | 529 | 540 | 535 | 547 | 542 | 541 |
| 72 | 512 | 507 | 517 | 512 | 512 | 516 | 516 |
| 71 | 508 | 505 | 515 | 511 | 520 | 520 | 509 |
| 70 | 500 | 497 | 500 | 500 | 507 | 523 | 495 |

| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|
| 8674 | 513 | 500 | 500 | 508 | 497 | 496 | 493 |
| 73 | 560 | 542 | 541 | 552 | 534 | 543 | 522 |
| 72 | 515 | 498 | 502 | 509 | 500 | 500 | 502 |
| 71 | 525 | 507 | 507 | 514 | 500 | 503 | 500 |
| 70 | 510 | 497 | 492 | 499 | 487 | 488 | 483 |
| | 504.6 | | | | | | |

| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|
| 8674 | 498 | 505 | 491 | 487 | 488 | 487 | 487 |
| 73 | 541 | 553 | 538 | 532 | 536 | 533 | 523 |
| 72 | 506 | 513 | 498 | 492 | 494 | 491 | 492 |
| 71 | 504 | 513 | 502 | 496 | 496 | 494 | 495 |
| 70 | 486 | 497 | 486 | 481 | 481 | 480 | 480 |

| | 29 | 30 | 31 | 32 | 33 | | |
|---|---|---|---|---|---|---|---|
| 8674 | 491 | 477 | 479 | 483 | 484 | 483 | 483 | 487 | 482 |
| 73 | 542 | 532 | 532 | 532 | 535 | 531 | 532 | 524 | 525 |
| 72 | 496 | 484 | 486 | 490 | 492 | 490 | 491 | 491 | 487 |
| 71 | 500 | 489 | 490 | 494 | 497 | 492 | 493 | 492 | 489 |
| 70 | 483 | 477 | 474 | 477 | 482 | 477 | 481 | 481 | 477 |
| | | 480.8 | | | | | | | |

8670 – Dup. of 8645 except 3 circum Replicux

| | | |
|---|---|---|
| 8671 | 92 | 99 – 97 |
| | 92 | 99 – 100 |
| 8672 | 93 | 96 – 98 |
| 8673 | 90 | 95 – 94 |
| 8674 | 93 | 97 – 99 |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| 8679 | 535 | 548 | 557 | 557 | 557 | 558 | 56- |
| 78 | 530 | 535 | 540 | 540 | 543 | 547 | 547 |
| 77 | 513 | 523 | 520 | 525 | 523 | 532 | 525 |
| 76 | 527 | 537 | 542 | 547 | 555 | 561 | 573 |
| 75 | 532 | 544 | 545 | 547 | 548 | 555 | 558 |

539.8

Ow. 3rd num 539.8 = 166 pr q. of num.

| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| 8679 | 563 | 557 | 568 | 563 | 577 | 580 | 57- |
| 78 | 550 | 546 | 556 | 552 | 563 | 565 | 55 |
| 77 | 532 | 523 | 533 | 527 | 532 | 532 | 52 |
| 76 | 575 | 575 | 587 | 588 | 593 | 590 | 59 |
| 75 | 555 | 552 | 562 | 557 | 557 | 565 | 560 |

| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|
| 8679 | 580 | 562 | 562 | 572 | 557 | 563 | 56- |
| 78 | 573 | 551 | 552 | 562 | 545 | 552 | 55 |
| 77 | 535 | 518 | 519 | 527 | 516 | 517 | 51 |
| 76 | 608 | 587 | 588 | 602 | 581 | 592 | 59 |
| 75 | 587 | 557 | 557 | 568 | 552 | 556 | 55 |

557.6

| | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
|---|---|---|---|---|---|---|---|
| 8679 | 566 | 573 | 561 | 553 | 557 | 554 | 55- |
| 78 | 554 | 562 | 549 | 542 | 546 | 542 | 54 |
| 77 | 521 | 529 | 517 | 511 | 512 | 510 | 50 |
| 76 | 592 | 602 | 586 | 578 | 585 | 592 | 59 |
| 75 | 561 | 569 | 556 | 549 | 552 | 549 | 54 |

8675 Range (8645, Except 3125 grams → Req. mix

| | | |
|---|---|---|
| 8676 | 95 | 102 – 102 |
| | 99 | 104 – 103 |
| 8677 | 98 | 103 – 100 |
| 8678 | 95 | 100 – 100 |
| 8679 | 98 | 103 – 104 |

| | 29 | 30 | 31 | 32 | 33 | | |
|---|---|---|---|---|---|---|---|
| | 555 | 549 | 551 | 553 | 549 | 556 | 55- |
| | 546 | 538 | 539 | 542 | 547 | 542 | 54 |
| | 513 | 505 | 506 | 510 | 512 | 510 | 51 |
| | 597 | 589 | 581 | 582 | 587 | 582 | 58 |
| | 555 | 543 | 545 | 547 | 552 | 548 | 55 |

543.8

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| 8684 | 580 | 595 | 597 | 603 | 598 | 603 | 602 |
| 83 | 577 | 595 | 597 | 601 | 593 | 597 | 598 |
| 82 | 588 | 605 | 610 | 615 | 605 | 610 | 608 |
| 81 | 575 | 587 | 588 | 595 | 593 | 597 | 603 |
| 80 | 563 | 575 | 577 | 587 | 580 | 583 | 587 |
| | | | 593.8 | | | | |

Qu. 3rd num = 593.8 = 169.6 per q. of m.

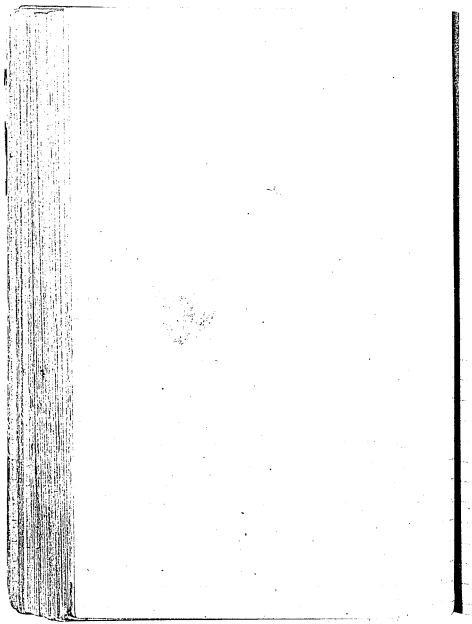
| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| 8684 | 610 | 598 | 612 | 607 | 617 | 622 | 610 |
| 83 | 598 | 593 | 608 | 600 | 612 | 617 | 598 |
| 82 | 610 | 607 | 613 | 610 | 618 | 623 | 603 |
| 81 | 607 | 600 | 608 | 607 | 617 | 620 | 611 |
| 80 | 587 | 578 | 588 | 587 | 595 | 598 | 587 |

| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|---|---|---|---|---|---|---|---|
| 8684 | 622 | 599 | 599 | 608 | 592 | 597 | 592 |
| 83 | 615 | 592 | 592 | 602 | 585 | 587 | 587 |
| 82 | 620 | 597 | 597 | 606 | 590 | 592 | 591 |
| 81 | 625 | 604 | 607 | 615 | 600 | 607 | 604 |
| 80 | 598 | 575 | 575 | 585 | 575 | 574 | 577 |
| | 616 | | | | | | |

| | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8684 | 598 | 607 | 592 | 586 | 588 | 590 | 585 | 593 | 592 | 587 | 585 | 588 | 583 | 585 | 586 | 587 |
| 83 | 592 | 602 | 586 | 580 | 581 | 578 | 583 | 585 | 591 | 592 | 577 | 583 | 579 | 578 | 581 | 575 |
| 82 | 596 | 604 | 591 | 584 | 591 | 582 | 587 | 593 | 595 | 597 | 583 | 587 | 580 | 583 | 586 | 579 |
| 81 | 611 | 619 | 606 | 599 | 602 | 599 | 593 | 604 | 595 | 597 | 600 | 605 | 602 | 603 | 604 | 601 |
| 80 | 577 | 586 | 572 | 566 | 568 | 564 | 567 | 568 | 557 | 558 | 564 | 569 | 563 | 565 | 568 | 567 |
| | | | | | | | | | 568.6 | | | | | | | |

8680 10 cup of 8645
Except 3:50 grain Reg mix

| | | |
|---|---|---|
| 8681 | 94 | 105 - 110 |
| | 100 | 107 - 106 |
| 8682 | 100 | 108 - 104 |
| 8683 | 100 | 104 — 109 |
| 8684 | 99 | 105 - 106 |



8685 Dup of 8644
Except 3.75 grams Ag mix

8686

8687

8688

8689

8690 Except 8645.
Except 4 gran. Reglmx —

8691

8692

8693

8694

8695 – Have Rogers make some deeper cups. want to use up to 5½ grams of metal
Dup of 8641

Except 4.25 grams use deeper cups –

8696

8697

8698

8699

8700 Dupage 8645
Except 4.5 qtrs Range xix

8701

8702

8703

8704

8705 Drop of 8675
Except 4175 grow/reg
Mix

8706

8707

8708

8709

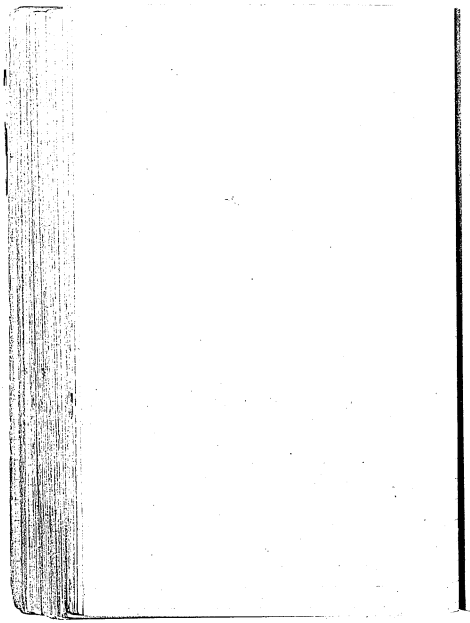
8710 Dup of 8645
Except 5 yrs in Reg mix

8711

8712

8713

8714



8715 – Dupes 86 94
Except 5.25 grams

8716

8717

8718

8719

8720 Dup of 8645
Except 5.5 grams Rep Mix

8721

8722

8723

8724

8725 — 5 Ni - 3:2 Ratio

(up Vermiculite) with Molybdate
Pipette before mix put in
Silicon [illegible]
Steam SB 150, Pour
Soak 48 hours, decant, Fe
3y. KOH Solution [illegible]
Steam dry 2 hours SB
100 Calcine 150 cc
Chg 15 k [illegible]

8726

8727

8728

8729 —

| | | | |
|---|---|---|---|
| 8731½ | 343 | 348 | 343 |
| 31 | 305 | 330 | 328 |
| 30 | 343 | 338 | 333 |

Hyfrocl 8730 by
current for ½ hr. Then put back neg. KCl

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8731½ | 346 | 329 | 358 | 383 | 386 | 386 | 390 |
| 31 | 308 | 290 | 307 | 332 | 331 | 328 | 327 |
| 30 | 312 | 298 | 315 | 345 | 347 | 342 | 347 |

| | | | |
|---|---|---|---|
| 8731½ | 387 | 392 | 383 |
| 31 | 330 | 335 | 325 |
| 30 | 354 | 367 | 352 |

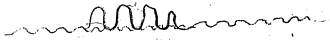
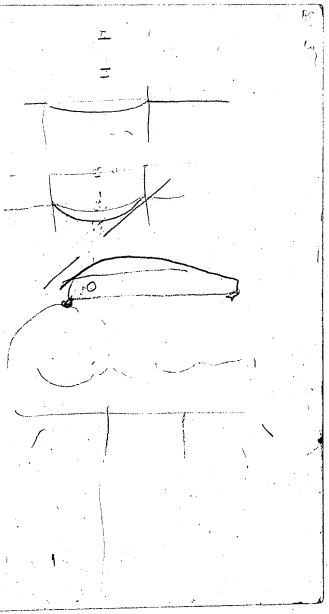
C.O.

8730 - [illegible]

8731 — 92 101 + 102

8731½ 93 103 + 103

8730 87 96-96

8731 84 98-98

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